

Appendix for Band 66

Report No.: BCTC2504135595-3E

Applicant: Shanghai TUGE Data Technologies Co., Ltd.

Product Name: Smart IoT 4G Router

Test Model: TR40

Tested Date: 2025-04-03 to 2025-05-16

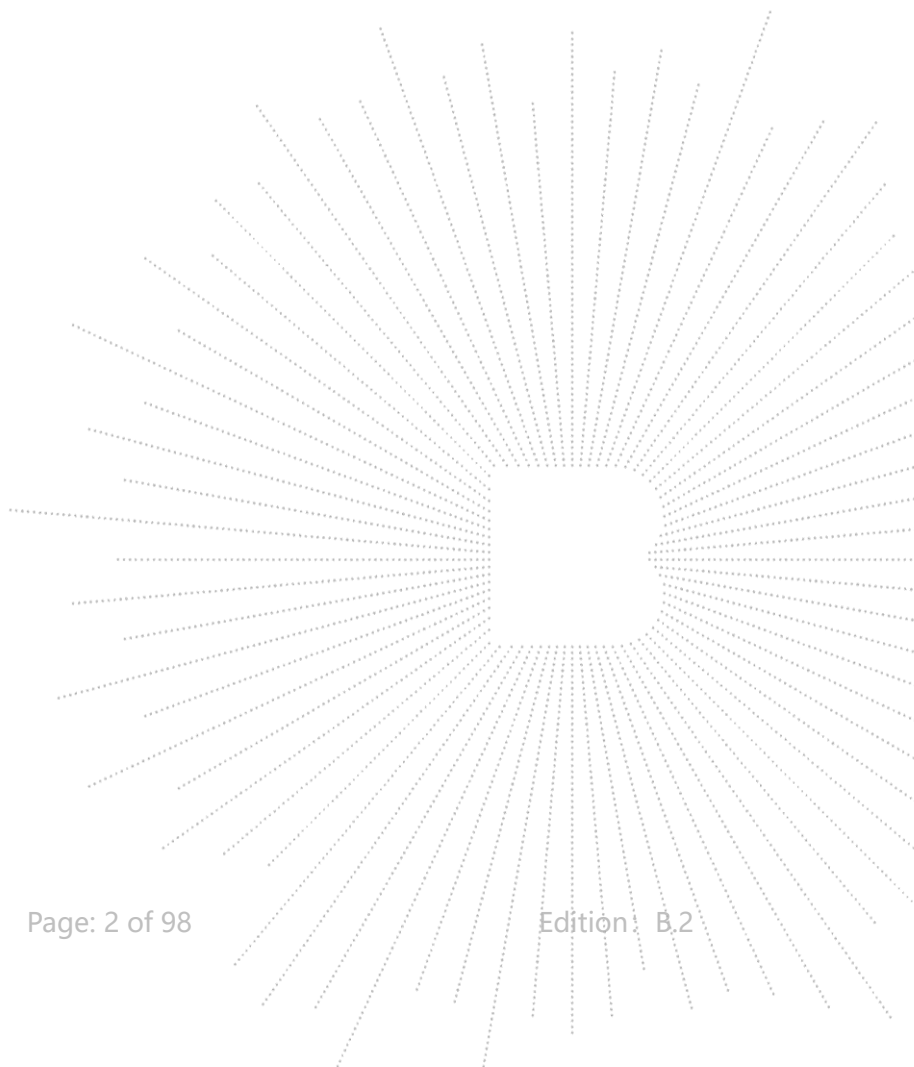
Issued Date: 2025-05-22

Shenzhen BCTC Testing Co., Ltd.



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Appendix 1. Conducted output power

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Verdict
Band66	1.4	131979	1	#0	QPSK	23.38	PASS
Band66	1.4	131979	1	#Mid	QPSK	23.38	PASS
Band66	1.4	131979	1	#Max	QPSK	23.42	PASS
Band66	1.4	131979	3	#0	QPSK	23.08	PASS
Band66	1.4	131979	3	#Mid	QPSK	23.10	PASS
Band66	1.4	131979	3	#Max	QPSK	23.13	PASS
Band66	1.4	131979	6	#0	QPSK	22.15	PASS
Band66	1.4	131979	1	#0	16QAM	23.24	PASS
Band66	1.4	131979	1	#Mid	16QAM	23.20	PASS
Band66	1.4	131979	1	#Max	16QAM	23.21	PASS
Band66	1.4	131979	3	#0	16QAM	22.39	PASS
Band66	1.4	131979	3	#Mid	16QAM	22.41	PASS
Band66	1.4	131979	3	#Max	16QAM	22.41	PASS
Band66	1.4	131979	6	#0	16QAM	21.31	PASS
Band66	1.4	132322	1	#0	QPSK	22.85	PASS
Band66	1.4	132322	1	#Mid	QPSK	22.94	PASS
Band66	1.4	132322	1	#Max	QPSK	22.86	PASS
Band66	1.4	132322	3	#0	QPSK	23.04	PASS
Band66	1.4	132322	3	#Mid	QPSK	23.10	PASS
Band66	1.4	132322	3	#Max	QPSK	23.03	PASS
Band66	1.4	132322	6	#0	QPSK	22.15	PASS
Band66	1.4	132322	1	#0	16QAM	22.96	PASS
Band66	1.4	132322	1	#Mid	16QAM	22.98	PASS
Band66	1.4	132322	1	#Max	16QAM	22.94	PASS
Band66	1.4	132322	3	#0	16QAM	22.53	PASS
Band66	1.4	132322	3	#Mid	16QAM	22.60	PASS
Band66	1.4	132322	3	#Max	16QAM	22.59	PASS
Band66	1.4	132322	6	#0	16QAM	21.11	PASS
Band66	1.4	132665	1	#0	QPSK	23.06	PASS
Band66	1.4	132665	1	#Mid	QPSK	23.12	PASS
Band66	1.4	132665	1	#Max	QPSK	23.09	PASS
Band66	1.4	132665	3	#0	QPSK	22.98	PASS
Band66	1.4	132665	3	#Mid	QPSK	23.01	PASS
Band66	1.4	132665	3	#Max	QPSK	23.00	PASS
Band66	1.4	132665	6	#0	QPSK	22.11	PASS
Band66	1.4	132665	1	#0	16QAM	22.49	PASS
Band66	1.4	132665	1	#Mid	16QAM	22.53	PASS
Band66	1.4	132665	1	#Max	16QAM	22.44	PASS
Band66	1.4	132665	3	#0	16QAM	22.49	PASS
Band66	1.4	132665	3	#Mid	16QAM	22.50	PASS

Band66	1.4	132665	3	#Max	16QAM	22.52	PASS
Band66	1.4	132665	6	#0	16QAM	21.35	PASS
Band66	3	131987	1	#0	QPSK	23.11	PASS
Band66	3	131987	1	#Mid	QPSK	23.02	PASS
Band66	3	131987	1	#Max	QPSK	23.11	PASS
Band66	3	131987	8	#0	QPSK	22.18	PASS
Band66	3	131987	8	#Mid	QPSK	22.10	PASS
Band66	3	131987	8	#Max	QPSK	22.23	PASS
Band66	3	131987	15	#0	QPSK	22.06	PASS
Band66	3	131987	1	#0	16QAM	23.25	PASS
Band66	3	131987	1	#Mid	16QAM	23.30	PASS
Band66	3	131987	1	#Max	16QAM	23.26	PASS
Band66	3	131987	8	#0	16QAM	21.09	PASS
Band66	3	131987	8	#Mid	16QAM	21.14	PASS
Band66	3	131987	8	#Max	16QAM	21.13	PASS
Band66	3	131987	15	#0	16QAM	21.27	PASS
Band66	3	132322	1	#0	QPSK	22.95	PASS
Band66	3	132322	1	#Mid	QPSK	22.87	PASS
Band66	3	132322	1	#Max	QPSK	22.95	PASS
Band66	3	132322	8	#0	QPSK	22.15	PASS
Band66	3	132322	8	#Mid	QPSK	22.07	PASS
Band66	3	132322	8	#Max	QPSK	22.05	PASS
Band66	3	132322	15	#0	QPSK	22.04	PASS
Band66	3	132322	1	#0	16QAM	23.01	PASS
Band66	3	132322	1	#Mid	16QAM	22.94	PASS
Band66	3	132322	1	#Max	16QAM	22.92	PASS
Band66	3	132322	8	#0	16QAM	21.35	PASS
Band66	3	132322	8	#Mid	16QAM	21.37	PASS
Band66	3	132322	8	#Max	16QAM	21.36	PASS
Band66	3	132322	15	#0	16QAM	21.24	PASS
Band66	3	132657	1	#0	QPSK	23.05	PASS
Band66	3	132657	1	#Mid	QPSK	23.11	PASS
Band66	3	132657	1	#Max	QPSK	23.13	PASS
Band66	3	132657	8	#0	QPSK	22.05	PASS
Band66	3	132657	8	#Mid	QPSK	21.97	PASS
Band66	3	132657	8	#Max	QPSK	22.07	PASS
Band66	3	132657	15	#0	QPSK	22.08	PASS
Band66	3	132657	1	#0	16QAM	22.50	PASS
Band66	3	132657	1	#Mid	16QAM	22.43	PASS
Band66	3	132657	1	#Max	16QAM	22.43	PASS
Band66	3	132657	8	#0	16QAM	21.18	PASS
Band66	3	132657	8	#Mid	16QAM	21.15	PASS
Band66	3	132657	8	#Max	16QAM	21.15	PASS
Band66	3	132657	15	#0	16QAM	21.20	PASS

Band66	5	131997	1	#0	QPSK	23.00	PASS
Band66	5	131997	1	#Mid	QPSK	22.95	PASS
Band66	5	131997	1	#Max	QPSK	22.98	PASS
Band66	5	131997	12	#0	QPSK	22.17	PASS
Band66	5	131997	12	#Mid	QPSK	22.20	PASS
Band66	5	131997	12	#Max	QPSK	22.22	PASS
Band66	5	131997	25	#0	QPSK	22.22	PASS
Band66	5	131997	1	#0	16QAM	22.47	PASS
Band66	5	131997	1	#Mid	16QAM	22.55	PASS
Band66	5	131997	1	#Max	16QAM	22.58	PASS
Band66	5	131997	12	#0	16QAM	21.16	PASS
Band66	5	131997	12	#Mid	16QAM	21.11	PASS
Band66	5	131997	12	#Max	16QAM	21.09	PASS
Band66	5	131997	25	#0	16QAM	21.20	PASS
Band66	5	132322	1	#0	QPSK	23.13	PASS
Band66	5	132322	1	#Mid	QPSK	23.11	PASS
Band66	5	132322	1	#Max	QPSK	23.15	PASS
Band66	5	132322	12	#0	QPSK	22.10	PASS
Band66	5	132322	12	#Mid	QPSK	22.04	PASS
Band66	5	132322	12	#Max	QPSK	22.03	PASS
Band66	5	132322	25	#0	QPSK	22.05	PASS
Band66	5	132322	1	#0	16QAM	21.78	PASS
Band66	5	132322	1	#Mid	16QAM	21.85	PASS
Band66	5	132322	1	#Max	16QAM	21.85	PASS
Band66	5	132322	12	#0	16QAM	20.97	PASS
Band66	5	132322	12	#Mid	16QAM	21.01	PASS
Band66	5	132322	12	#Max	16QAM	21.00	PASS
Band66	5	132322	25	#0	16QAM	21.19	PASS
Band66	5	132647	1	#0	QPSK	23.04	PASS
Band66	5	132647	1	#Mid	QPSK	22.91	PASS
Band66	5	132647	1	#Max	QPSK	22.91	PASS
Band66	5	132647	12	#0	QPSK	22.14	PASS
Band66	5	132647	12	#Mid	QPSK	22.10	PASS
Band66	5	132647	12	#Max	QPSK	22.12	PASS
Band66	5	132647	25	#0	QPSK	22.16	PASS
Band66	5	132647	1	#0	16QAM	22.14	PASS
Band66	5	132647	1	#Mid	16QAM	22.11	PASS
Band66	5	132647	1	#Max	16QAM	22.06	PASS
Band66	5	132647	12	#0	16QAM	21.17	PASS
Band66	5	132647	12	#Mid	16QAM	21.13	PASS
Band66	5	132647	12	#Max	16QAM	21.15	PASS
Band66	5	132647	25	#0	16QAM	21.15	PASS
Band66	10	132022	1	#0	QPSK	23.07	PASS
Band66	10	132022	1	#Mid	QPSK	23.09	PASS

Band66	10	132022	1	#Max	QPSK	23.12	PASS
Band66	10	132022	25	#0	QPSK	22.21	PASS
Band66	10	132022	25	#Mid	QPSK	22.13	PASS
Band66	10	132022	25	#Max	QPSK	22.13	PASS
Band66	10	132022	50	#0	QPSK	22.16	PASS
Band66	10	132022	1	#0	16QAM	23.24	PASS
Band66	10	132022	1	#Mid	16QAM	23.39	PASS
Band66	10	132022	1	#Max	16QAM	23.38	PASS
Band66	10	132022	25	#0	16QAM	21.18	PASS
Band66	10	132022	25	#Mid	16QAM	21.19	PASS
Band66	10	132022	25	#Max	16QAM	21.20	PASS
Band66	10	132022	50	#0	16QAM	21.23	PASS
Band66	10	132322	1	#0	QPSK	22.99	PASS
Band66	10	132322	1	#Mid	QPSK	23.11	PASS
Band66	10	132322	1	#Max	QPSK	23.17	PASS
Band66	10	132322	25	#0	QPSK	21.94	PASS
Band66	10	132322	25	#Mid	QPSK	22.10	PASS
Band66	10	132322	25	#Max	QPSK	22.18	PASS
Band66	10	132322	50	#0	QPSK	22.01	PASS
Band66	10	132322	1	#0	16QAM	22.25	PASS
Band66	10	132322	1	#Mid	16QAM	22.11	PASS
Band66	10	132322	1	#Max	16QAM	22.16	PASS
Band66	10	132322	25	#0	16QAM	21.22	PASS
Band66	10	132322	25	#Mid	16QAM	21.21	PASS
Band66	10	132322	25	#Max	16QAM	21.26	PASS
Band66	10	132322	50	#0	16QAM	21.33	PASS
Band66	10	132622	1	#0	QPSK	23.19	PASS
Band66	10	132622	1	#Mid	QPSK	23.08	PASS
Band66	10	132622	1	#Max	QPSK	23.12	PASS
Band66	10	132622	25	#0	QPSK	22.13	PASS
Band66	10	132622	25	#Mid	QPSK	22.09	PASS
Band66	10	132622	25	#Max	QPSK	21.99	PASS
Band66	10	132622	50	#0	QPSK	22.06	PASS
Band66	10	132622	1	#0	16QAM	22.34	PASS
Band66	10	132622	1	#Mid	16QAM	22.25	PASS
Band66	10	132622	1	#Max	16QAM	22.23	PASS
Band66	10	132622	25	#0	16QAM	21.27	PASS
Band66	10	132622	25	#Mid	16QAM	21.23	PASS
Band66	10	132622	25	#Max	16QAM	21.14	PASS
Band66	10	132622	50	#0	16QAM	21.21	PASS
Band66	15	132047	1	#0	QPSK	23.06	PASS
Band66	15	132047	1	#Mid	QPSK	23.09	PASS
Band66	15	132047	1	#Max	QPSK	23.15	PASS
Band66	15	132047	36	#0	QPSK	22.15	PASS

Band66	15	132047	36	#Mid	QPSK	22.15	PASS
Band66	15	132047	36	#Max	QPSK	22.26	PASS
Band66	15	132047	75	#0	QPSK	22.16	PASS
Band66	15	132047	1	#0	16QAM	23.31	PASS
Band66	15	132047	1	#Mid	16QAM	23.28	PASS
Band66	15	132047	1	#Max	16QAM	23.35	PASS
Band66	15	132047	36	#0	16QAM	21.23	PASS
Band66	15	132047	36	#Mid	16QAM	21.27	PASS
Band66	15	132047	36	#Max	16QAM	21.26	PASS
Band66	15	132047	75	#0	16QAM	21.27	PASS
Band66	15	132322	1	#0	QPSK	23.12	PASS
Band66	15	132322	1	#Mid	QPSK	23.00	PASS
Band66	15	132322	1	#Max	QPSK	23.08	PASS
Band66	15	132322	36	#0	QPSK	22.06	PASS
Band66	15	132322	36	#Mid	QPSK	22.11	PASS
Band66	15	132322	36	#Max	QPSK	22.05	PASS
Band66	15	132322	75	#0	QPSK	22.08	PASS
Band66	15	132322	1	#0	16QAM	22.24	PASS
Band66	15	132322	1	#Mid	16QAM	22.23	PASS
Band66	15	132322	1	#Max	16QAM	22.31	PASS
Band66	15	132322	36	#0	16QAM	21.32	PASS
Band66	15	132322	36	#Mid	16QAM	21.28	PASS
Band66	15	132322	36	#Max	16QAM	21.42	PASS
Band66	15	132322	75	#0	16QAM	21.26	PASS
Band66	15	132597	1	#0	QPSK	23.26	PASS
Band66	15	132597	1	#Mid	QPSK	23.19	PASS
Band66	15	132597	1	#Max	QPSK	23.12	PASS
Band66	15	132597	36	#0	QPSK	22.25	PASS
Band66	15	132597	36	#Mid	QPSK	22.04	PASS
Band66	15	132597	36	#Max	QPSK	22.02	PASS
Band66	15	132597	75	#0	QPSK	22.15	PASS
Band66	15	132597	1	#0	16QAM	23.07	PASS
Band66	15	132597	1	#Mid	16QAM	22.93	PASS
Band66	15	132597	1	#Max	16QAM	22.85	PASS
Band66	15	132597	36	#0	16QAM	21.32	PASS
Band66	15	132597	36	#Mid	16QAM	21.22	PASS
Band66	15	132597	36	#Max	16QAM	21.19	PASS
Band66	15	132597	75	#0	16QAM	21.31	PASS
Band66	20	132072	1	#0	QPSK	23.24	PASS
Band66	20	132072	1	#Mid	QPSK	23.39	PASS
Band66	20	132072	1	#Max	QPSK	23.25	PASS
Band66	20	132072	50	#0	QPSK	22.19	PASS
Band66	20	132072	50	#Mid	QPSK	22.14	PASS
Band66	20	132072	50	#Max	QPSK	22.10	PASS

Band66	20	132072	100	#0	QPSK	22.25	PASS
Band66	20	132072	1	#0	16QAM	21.88	PASS
Band66	20	132072	1	#Mid	16QAM	21.99	PASS
Band66	20	132072	1	#Max	16QAM	21.91	PASS
Band66	20	132072	50	#0	16QAM	21.38	PASS
Band66	20	132072	50	#Mid	16QAM	21.39	PASS
Band66	20	132072	50	#Max	16QAM	21.37	PASS
Band66	20	132072	100	#0	16QAM	21.27	PASS
Band66	20	132322	1	#0	QPSK	23.08	PASS
Band66	20	132322	1	#Mid	QPSK	23.18	PASS
Band66	20	132322	1	#Max	QPSK	23.19	PASS
Band66	20	132322	50	#0	QPSK	22.13	PASS
Band66	20	132322	50	#Mid	QPSK	22.14	PASS
Band66	20	132322	50	#Max	QPSK	22.18	PASS
Band66	20	132322	100	#0	QPSK	22.17	PASS
Band66	20	132322	1	#0	16QAM	22.77	PASS
Band66	20	132322	1	#Mid	16QAM	22.82	PASS
Band66	20	132322	1	#Max	16QAM	22.94	PASS
Band66	20	132322	50	#0	16QAM	21.19	PASS
Band66	20	132322	50	#Mid	16QAM	21.15	PASS
Band66	20	132322	50	#Max	16QAM	21.15	PASS
Band66	20	132322	100	#0	16QAM	21.24	PASS
Band66	20	132572	1	#0	QPSK	23.22	PASS
Band66	20	132572	1	#Mid	QPSK	23.22	PASS
Band66	20	132572	1	#Max	QPSK	23.13	PASS
Band66	20	132572	50	#0	QPSK	22.23	PASS
Band66	20	132572	50	#Mid	QPSK	22.12	PASS
Band66	20	132572	50	#Max	QPSK	22.16	PASS
Band66	20	132572	100	#0	QPSK	22.06	PASS
Band66	20	132572	1	#0	16QAM	22.06	PASS
Band66	20	132572	1	#Mid	16QAM	22.05	PASS
Band66	20	132572	1	#Max	16QAM	21.96	PASS
Band66	20	132572	50	#0	16QAM	21.26	PASS
Band66	20	132572	50	#Mid	16QAM	21.17	PASS
Band66	20	132572	50	#Max	16QAM	21.16	PASS
Band66	20	132572	100	#0	16QAM	21.20	PASS

Appendix 2. Frequency stability

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Voltage (Vdc)	Temperature (C)	Result (Hz)	Result (ppm)	Low Limit (ppm)	high Limit (ppm)	Verdict
Band 66	1.4	131979	6	#0	QPSK	LV	NT	27.29	0.016	-2.5	2.5	PASS
Band 66	1.4	131979	6	#0	QPSK	NV	NT	19.96	0.012	-2.5	2.5	PASS
Band 66	1.4	131979	6	#0	QPSK	HV	NT	10.81	0.006	-2.5	2.5	PASS
Band 66	1.4	131979	6	#0	16QAM	LV	NT	6.19	0.004	-2.5	2.5	PASS
Band 66	1.4	131979	6	#0	16QAM	NV	NT	2.06	0.001	-2.5	2.5	PASS
Band 66	1.4	131979	6	#0	16QAM	HV	NT	-2.90	-0.002	-2.5	2.5	PASS
Band 66	1.4	132322	6	#0	QPSK	LV	NT	15.69	0.009	-2.5	2.5	PASS
Band 66	1.4	132322	6	#0	QPSK	NV	NT	9.80	0.006	-2.5	2.5	PASS
Band 66	1.4	132322	6	#0	QPSK	HV	NT	5.15	0.003	-2.5	2.5	PASS
Band 66	1.4	132322	6	#0	16QAM	LV	NT	-4.35	-0.002	-2.5	2.5	PASS
Band 66	1.4	132322	6	#0	16QAM	NV	NT	-8.53	-0.005	-2.5	2.5	PASS
Band 66	1.4	132322	6	#0	16QAM	HV	NT	-13.20	-0.008	-2.5	2.5	PASS
Band 66	1.4	132665	6	#0	QPSK	LV	NT	6.31	0.004	-2.5	2.5	PASS
Band 66	1.4	132665	6	#0	QPSK	NV	NT	8.44	0.005	-2.5	2.5	PASS
Band 66	1.4	132665	6	#0	QPSK	HV	NT	7.50	0.004	-2.5	2.5	PASS
Band 66	1.4	132665	6	#0	16QAM	LV	NT	-0.04	0.000	-2.5	2.5	PASS
Band 66	1.4	132665	6	#0	16QAM	NV	NT	-0.97	-0.001	-2.5	2.5	PASS
Band 66	1.4	132665	6	#0	16QAM	HV	NT	-2.70	-0.002	-2.5	2.5	PASS

Band 66	3	131987	15	#0	QPSK	LV	NT	-36.76	-0.021	-2.5	2.5	PASS
Band 66	3	131987	15	#0	QPSK	NV	NT	-28.68	-0.017	-2.5	2.5	PASS
Band 66	3	131987	15	#0	QPSK	HV	NT	-23.55	-0.014	-2.5	2.5	PASS
Band 66	3	131987	15	#0	16QAM	LV	NT	-17.45	-0.010	-2.5	2.5	PASS
Band 66	3	131987	15	#0	16QAM	NV	NT	-6.05	-0.004	-2.5	2.5	PASS
Band 66	3	131987	15	#0	16QAM	HV	NT	-20.37	-0.012	-2.5	2.5	PASS
Band 66	3	132322	15	#0	QPSK	LV	NT	-35.86	-0.021	-2.5	2.5	PASS
Band 66	3	132322	15	#0	QPSK	NV	NT	-15.21	-0.009	-2.5	2.5	PASS
Band 66	3	132322	15	#0	QPSK	HV	NT	-13.39	-0.008	-2.5	2.5	PASS
Band 66	3	132322	15	#0	16QAM	LV	NT	-12.19	-0.007	-2.5	2.5	PASS
Band 66	3	132322	15	#0	16QAM	NV	NT	-13.85	-0.008	-2.5	2.5	PASS
Band 66	3	132322	15	#0	16QAM	HV	NT	-23.67	-0.014	-2.5	2.5	PASS
Band 66	3	132657	15	#0	QPSK	LV	NT	-36.26	-0.020	-2.5	2.5	PASS
Band 66	3	132657	15	#0	QPSK	NV	NT	-14.95	-0.008	-2.5	2.5	PASS
Band 66	3	132657	15	#0	QPSK	HV	NT	-11.39	-0.006	-2.5	2.5	PASS
Band 66	3	132657	15	#0	16QAM	LV	NT	-12.27	-0.007	-2.5	2.5	PASS
Band 66	3	132657	15	#0	16QAM	NV	NT	-11.43	-0.006	-2.5	2.5	PASS
Band 66	3	132657	15	#0	16QAM	HV	NT	-21.19	-0.012	-2.5	2.5	PASS
Band 66	5	131997	25	#0	QPSK	LV	NT	-4.56	-0.003	-2.5	2.5	PASS
Band 66	5	131997	25	#0	QPSK	NV	NT	-30.37	-0.018	-2.5	2.5	PASS
Band 66	5	131997	25	#0	QPSK	HV	NT	-29.68	-0.017	-2.5	2.5	PASS
Band 66	5	131997	25	#0	16QAM	LV	NT	-36.03	-0.021	-2.5	2.5	PASS



Band 66	5	131997	25	#0	16QAM	NV	NT	-17.15	-0.010	-2.5	2.5	PASS
Band 66	5	131997	25	#0	16QAM	HV	NT	-25.11	-0.015	-2.5	2.5	PASS
Band 66	5	132322	25	#0	QPSK	LV	NT	-28.72	-0.016	-2.5	2.5	PASS
Band 66	5	132322	25	#0	QPSK	NV	NT	-24.72	-0.014	-2.5	2.5	PASS
Band 66	5	132322	25	#0	QPSK	HV	NT	-21.00	-0.012	-2.5	2.5	PASS
Band 66	5	132322	25	#0	16QAM	LV	NT	-7.41	-0.004	-2.5	2.5	PASS
Band 66	5	132322	25	#0	16QAM	NV	NT	-9.70	-0.006	-2.5	2.5	PASS
Band 66	5	132322	25	#0	16QAM	HV	NT	-9.53	-0.005	-2.5	2.5	PASS
Band 66	5	132647	25	#0	QPSK	LV	NT	-12.52	-0.007	-2.5	2.5	PASS
Band 66	5	132647	25	#0	QPSK	NV	NT	-37.68	-0.021	-2.5	2.5	PASS
Band 66	5	132647	25	#0	QPSK	HV	NT	-31.19	-0.018	-2.5	2.5	PASS
Band 66	5	132647	25	#0	16QAM	LV	NT	-20.40	-0.011	-2.5	2.5	PASS
Band 66	5	132647	25	#0	16QAM	NV	NT	4.68	0.003	-2.5	2.5	PASS
Band 66	5	132647	25	#0	16QAM	HV	NT	-17.08	-0.010	-2.5	2.5	PASS
Band 66	10	132022	50	#0	QPSK	LV	NT	-11.64	-0.007	-2.5	2.5	PASS
Band 66	10	132022	50	#0	QPSK	NV	NT	-29.94	-0.017	-2.5	2.5	PASS
Band 66	10	132022	50	#0	QPSK	HV	NT	-35.86	-0.021	-2.5	2.5	PASS
Band 66	10	132022	50	#0	16QAM	LV	NT	-28.54	-0.017	-2.5	2.5	PASS
Band 66	10	132022	50	#0	16QAM	NV	NT	-18.37	-0.011	-2.5	2.5	PASS
Band 66	10	132022	50	#0	16QAM	HV	NT	-30.90	-0.018	-2.5	2.5	PASS
Band 66	10	132322	50	#0	QPSK	LV	NT	-2.25	-0.001	-2.5	2.5	PASS
Band 66	10	132322	50	#0	QPSK	NV	NT	-32.54	-0.019	-2.5	2.5	PASS

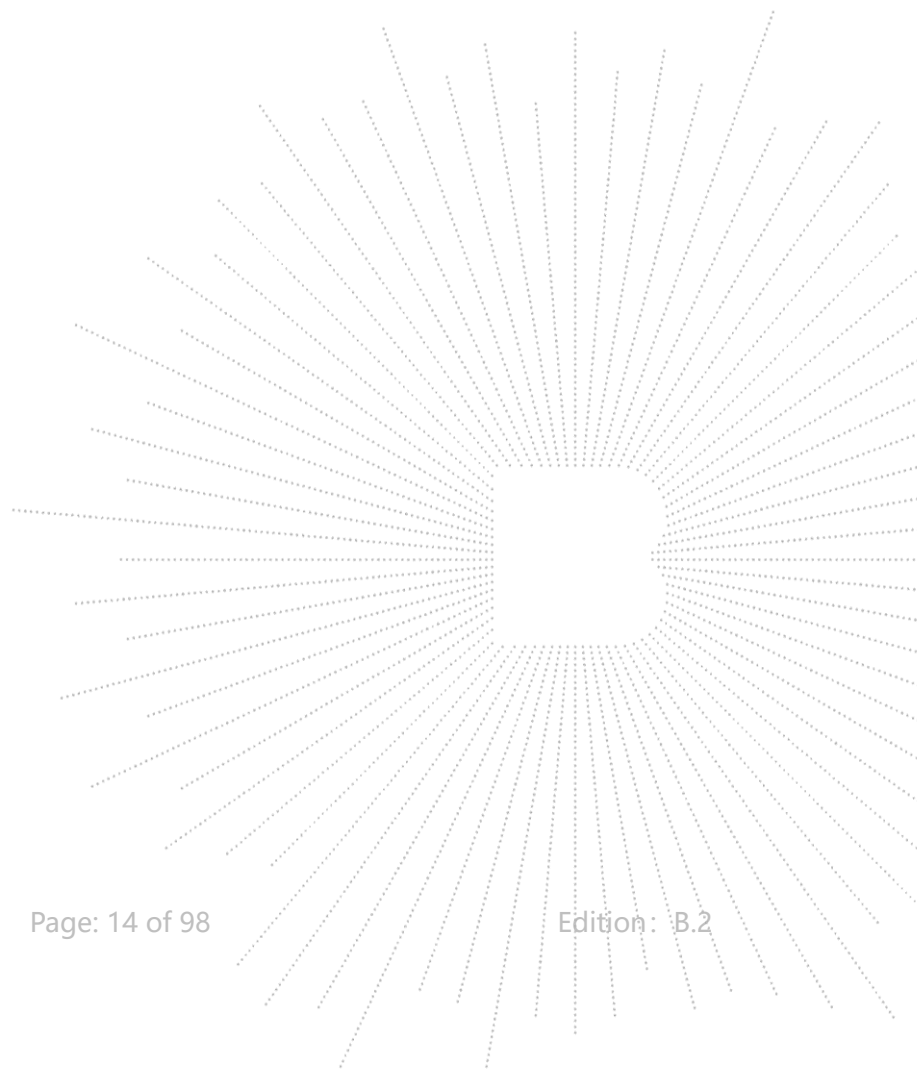


Band 66	10	13232 2	50	#0	QPSK	HV	NT	-40. 07	-0.0 23	-2.5	2.5	PAS S
Band 66	10	13232 2	50	#0	16QAM	LV	NT	-32. 89	-0.0 19	-2.5	2.5	PAS S
Band 66	10	13232 2	50	#0	16QAM	NV	NT	-20. 06	-0.01 1	-2.5	2.5	PAS S
Band 66	10	13232 2	50	#0	16QAM	HV	NT	-31. 31	-0.0 18	-2.5	2.5	PAS S
Band 66	10	13262 2	50	#0	QPSK	LV	NT	-12. 75	-0.0 07	-2.5	2.5	PAS S
Band 66	10	13262 2	50	#0	QPSK	NV	NT	-24. 65	-0.0 14	-2.5	2.5	PAS S
Band 66	10	13262 2	50	#0	QPSK	HV	NT	-40. 61	-0.0 23	-2.5	2.5	PAS S
Band 66	10	13262 2	50	#0	16QAM	LV	NT	-18. 48	-0.0 10	-2.5	2.5	PAS S
Band 66	10	13262 2	50	#0	16QAM	NV	NT	-29. 48	-0.0 17	-2.5	2.5	PAS S
Band 66	10	13262 2	50	#0	16QAM	HV	NT	-36. 29	-0.0 20	-2.5	2.5	PAS S
Band 66	15	13204 7	75	#0	QPSK	LV	NT	16.1 2	0.00 9	-2.5	2.5	PAS S
Band 66	15	13204 7	75	#0	QPSK	NV	NT	-18. 51	-0.01 1	-2.5	2.5	PAS S
Band 66	15	13204 7	75	#0	QPSK	HV	NT	-38. 77	-0.0 23	-2.5	2.5	PAS S
Band 66	15	13204 7	75	#0	16QAM	LV	NT	-20. 21	-0.0 12	-2.5	2.5	PAS S
Band 66	15	13204 7	75	#0	16QAM	NV	NT	-20. 89	-0.0 12	-2.5	2.5	PAS S
Band 66	15	13204 7	75	#0	16QAM	HV	NT	-24. 10	-0.0 14	-2.5	2.5	PAS S
Band 66	15	13232 2	75	#0	QPSK	LV	NT	-10. 50	-0.0 06	-2.5	2.5	PAS S
Band 66	15	13232 2	75	#0	QPSK	NV	NT	-30. 46	-0.0 17	-2.5	2.5	PAS S
Band 66	15	13232 2	75	#0	QPSK	HV	NT	-33. 07	-0.0 19	-2.5	2.5	PAS S
Band 66	15	13232 2	75	#0	16QAM	LV	NT	-11.1 0	-0.0 06	-2.5	2.5	PAS S
Band 66	15	13232 2	75	#0	16QAM	NV	NT	-27. 82	-0.0 16	-2.5	2.5	PAS S
Band 66	15	13232 2	75	#0	16QAM	HV	NT	-30. 61	-0.0 18	-2.5	2.5	PAS S



Band 66	15	132597	75	#0	QPSK	LV	NT	3.65	0.002	-2.5	2.5	PASS
Band 66	15	132597	75	#0	QPSK	NV	NT	-7.35	-0.004	-2.5	2.5	PASS
Band 66	15	132597	75	#0	QPSK	HV	NT	-22.17	-0.013	-2.5	2.5	PASS
Band 66	15	132597	75	#0	16QAM	LV	NT	-37.88	-0.021	-2.5	2.5	PASS
Band 66	15	132597	75	#0	16QAM	NV	NT	-44.02	-0.025	-2.5	2.5	PASS
Band 66	15	132597	75	#0	16QAM	HV	NT	-44.65	-0.025	-2.5	2.5	PASS
Band 66	20	132072	100	#0	QPSK	LV	NT	23.16	0.013	-2.5	2.5	PASS
Band 66	20	132072	100	#0	QPSK	NV	NT	-1.60	-0.001	-2.5	2.5	PASS
Band 66	20	132072	100	#0	QPSK	HV	NT	-20.06	-0.012	-2.5	2.5	PASS
Band 66	20	132072	100	#0	16QAM	LV	NT	-26.14	-0.015	-2.5	2.5	PASS
Band 66	20	132072	100	#0	16QAM	NV	NT	2.07	0.001	-2.5	2.5	PASS
Band 66	20	132072	100	#0	16QAM	HV	NT	-6.54	-0.004	-2.5	2.5	PASS
Band 66	20	132322	100	#0	QPSK	LV	NT	6.72	0.004	-2.5	2.5	PASS
Band 66	20	132322	100	#0	QPSK	NV	NT	-19.87	-0.011	-2.5	2.5	PASS
Band 66	20	132322	100	#0	QPSK	HV	NT	-29.50	-0.017	-2.5	2.5	PASS
Band 66	20	132322	100	#0	16QAM	LV	NT	-29.21	-0.017	-2.5	2.5	PASS
Band 66	20	132322	100	#0	16QAM	NV	NT	-11.90	-0.007	-2.5	2.5	PASS
Band 66	20	132322	100	#0	16QAM	HV	NT	-25.21	-0.014	-2.5	2.5	PASS
Band 66	20	132572	100	#0	QPSK	LV	NT	22.47	0.013	-2.5	2.5	PASS
Band 66	20	132572	100	#0	QPSK	NV	NT	19.37	0.011	-2.5	2.5	PASS
Band 66	20	132572	100	#0	QPSK	HV	NT	12.19	0.007	-2.5	2.5	PASS
Band 66	20	132572	100	#0	16QAM	LV	NT	0.50	0.000	-2.5	2.5	PASS

Band 66	20	13257 2	10 0	#0	16QAM	NV	NT	0.50	0.00 0	-2.5	2.5	PAS S
Band 66	20	13257 2	10 0	#0	16QAM	HV	NT	4.33	0.00 2	-2.5	2.5	PAS S



Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Voltage (Vdc)	Temperature (C)	Result (Hz)	Result (ppm)	Low Limit (ppm)	High Limit (ppm)	Verdict
Band 66	1.4	131979	6	#0	QPSK	NV	-30	13.09	0.008	-2.5	2.5	PASS
Band 66	1.4	131979	6	#0	QPSK	NV	-20	-4.78	-0.003	-2.5	2.5	PASS
Band 66	1.4	131979	6	#0	QPSK	NV	0	-19.10	-0.011	-2.5	2.5	PASS
Band 66	1.4	131979	6	#0	QPSK	NV	10	-35.68	-0.021	-2.5	2.5	PASS
Band 66	1.4	131979	6	#0	QPSK	NV	20	-3.26	-0.002	-2.5	2.5	PASS
Band 66	1.4	131979	6	#0	QPSK	NV	30	-17.75	-0.010	-2.5	2.5	PASS
Band 66	1.4	131979	6	#0	QPSK	NV	40	-35.32	-0.021	-2.5	2.5	PASS
Band 66	1.4	131979	6	#0	QPSK	NV	50	-14.85	-0.009	-2.5	2.5	PASS
Band 66	1.4	131979	6	#0	16QAM	NV	-30	-36.39	-0.021	-2.5	2.5	PASS
Band 66	1.4	131979	6	#0	16QAM	NV	-20	-17.81	-0.010	-2.5	2.5	PASS
Band 66	1.4	131979	6	#0	16QAM	NV	0	-34.40	-0.020	-2.5	2.5	PASS
Band 66	1.4	131979	6	#0	16QAM	NV	10	-18.32	-0.011	-2.5	2.5	PASS
Band 66	1.4	131979	6	#0	16QAM	NV	20	-32.37	-0.019	-2.5	2.5	PASS
Band 66	1.4	131979	6	#0	16QAM	NV	30	-8.70	-0.005	-2.5	2.5	PASS
Band 66	1.4	131979	6	#0	16QAM	NV	40	-29.91	-0.017	-2.5	2.5	PASS
Band 66	1.4	131979	6	#0	16QAM	NV	50	-15.94	-0.009	-2.5	2.5	PASS
Band 66	1.4	132322	6	#0	QPSK	NV	-30	-7.90	-0.005	-2.5	2.5	PASS
Band 66	1.4	132322	6	#0	QPSK	NV	-20	-29.17	-0.017	-2.5	2.5	PASS
Band 66	1.4	132322	6	#0	QPSK	NV	0	-27.39	-0.016	-2.5	2.5	PASS
Band 66	1.4	132322	6	#0	QPSK	NV	10	-8.8	-0.0	-2.5	2.5	PASS

66		2						0	05			S
Band 66	1.4	13232 2	6	#0	QPSK	NV	20	-27. 61	-0.0 16	-2.5	2.5	PAS S
Band 66	1.4	13232 2	6	#0	QPSK	NV	30	-16. 05	-0.0 09	-2.5	2.5	PAS S
Band 66	1.4	13232 2	6	#0	QPSK	NV	40	-14. 36	-0.0 08	-2.5	2.5	PAS S
Band 66	1.4	13232 2	6	#0	QPSK	NV	50	-29. 15	-0.0 17	-2.5	2.5	PAS S
Band 66	1.4	13232 2	6	#0	16QAM	NV	-30	-23. 88	-0.0 14	-2.5	2.5	PAS S
Band 66	1.4	13232 2	6	#0	16QAM	NV	-20	-22. 60	-0.0 13	-2.5	2.5	PAS S
Band 66	1.4	13232 2	6	#0	16QAM	NV	0	-30. 97	-0.0 18	-2.5	2.5	PAS S
Band 66	1.4	13232 2	6	#0	16QAM	NV	10	-41. 51	-0.0 24	-2.5	2.5	PAS S
Band 66	1.4	13232 2	6	#0	16QAM	NV	20	-1.6 3	-0.0 01	-2.5	2.5	PAS S
Band 66	1.4	13232 2	6	#0	16QAM	NV	30	-10. 33	-0.0 06	-2.5	2.5	PAS S
Band 66	1.4	13232 2	6	#0	16QAM	NV	40	-17. 82	-0.0 10	-2.5	2.5	PAS S
Band 66	1.4	13232 2	6	#0	16QAM	NV	50	-24. 33	-0.0 14	-2.5	2.5	PAS S
Band 66	1.4	13266 5	6	#0	QPSK	NV	-30	-0.7 7	0.00 0	-2.5	2.5	PAS S
Band 66	1.4	13266 5	6	#0	QPSK	NV	-20	-2.4 2	-0.0 01	-2.5	2.5	PAS S
Band 66	1.4	13266 5	6	#0	QPSK	NV	0	-12. 12	-0.0 07	-2.5	2.5	PAS S
Band 66	1.4	13266 5	6	#0	QPSK	NV	10	-20. 79	-0.0 12	-2.5	2.5	PAS S
Band 66	1.4	13266 5	6	#0	QPSK	NV	20	-29. 93	-0.0 17	-2.5	2.5	PAS S
Band 66	1.4	13266 5	6	#0	QPSK	NV	30	-0.9 3	-0.0 01	-2.5	2.5	PAS S
Band 66	1.4	13266 5	6	#0	QPSK	NV	40	-13. 70	-0.0 08	-2.5	2.5	PAS S
Band 66	1.4	13266 5	6	#0	QPSK	NV	50	-21. 31	-0.0 12	-2.5	2.5	PAS S
Band 66	1.4	13266 5	6	#0	16QAM	NV	-30	-31. 33	-0.0 18	-2.5	2.5	PAS S
Band 66	1.4	13266	6	#0	16QAM	NV	-20	-37.	-0.0	-2.5	2.5	PAS



66		5						45	21			S
Band 66	1.4	132665	6	#0	16QAM	NV	0	7.54	0.004	-2.5	2.5	PAS S
Band 66	1.4	132665	6	#0	16QAM	NV	10	5.24	0.003	-2.5	2.5	PAS S
Band 66	1.4	132665	6	#0	16QAM	NV	20	0.79	0.000	-2.5	2.5	PAS S
Band 66	1.4	132665	6	#0	16QAM	NV	30	-0.73	0.000	-2.5	2.5	PAS S
Band 66	1.4	132665	6	#0	16QAM	NV	40	-3.65	-0.002	-2.5	2.5	PAS S
Band 66	1.4	132665	6	#0	16QAM	NV	50	-5.45	-0.003	-2.5	2.5	PAS S
Band 66	3	131987	15	#0	QPSK	NV	-30	10.01	0.006	-2.5	2.5	PAS S
Band 66	3	131987	15	#0	QPSK	NV	-20	-5.54	-0.003	-2.5	2.5	PAS S
Band 66	3	131987	15	#0	QPSK	NV	0	-22.77	-0.013	-2.5	2.5	PAS S
Band 66	3	131987	15	#0	QPSK	NV	10	-38.19	-0.022	-2.5	2.5	PAS S
Band 66	3	131987	15	#0	QPSK	NV	20	-3.06	-0.002	-2.5	2.5	PAS S
Band 66	3	131987	15	#0	QPSK	NV	30	-20.11	-0.012	-2.5	2.5	PAS S
Band 66	3	131987	15	#0	QPSK	NV	40	-36.82	-0.022	-2.5	2.5	PAS S
Band 66	3	131987	15	#0	QPSK	NV	50	-17.85	-0.010	-2.5	2.5	PAS S
Band 66	3	131987	15	#0	16QAM	NV	-30	-36.91	-0.022	-2.5	2.5	PAS S
Band 66	3	131987	15	#0	16QAM	NV	-20	-36.59	-0.021	-2.5	2.5	PAS S
Band 66	3	131987	15	#0	16QAM	NV	0	-16.55	-0.010	-2.5	2.5	PAS S
Band 66	3	131987	15	#0	16QAM	NV	10	-18.85	-0.001	-2.5	2.5	PAS S
Band 66	3	131987	15	#0	16QAM	NV	20	-10.50	-0.006	-2.5	2.5	PAS S
Band 66	3	131987	15	#0	16QAM	NV	30	-23.83	-0.014	-2.5	2.5	PAS S
Band 66	3	131987	15	#0	16QAM	NV	40	7.42	0.004	-2.5	2.5	PAS S
Band 66	3	131987	15	#0	16QAM	NV	50	-0.3	0.000	-2.5	2.5	PAS S

66		7						4	0			S
Band 66	3	13232 2	15	#0	QPSK	NV	-30	-6.4 1	-0.0 04	-2.5	2.5	PAS S
Band 66	3	13232 2	15	#0	QPSK	NV	-20	-19. 30	-0.01 1	-2.5	2.5	PAS S
Band 66	3	13232 2	15	#0	QPSK	NV	0	-1.5 7	-0.0 01	-2.5	2.5	PAS S
Band 66	3	13232 2	15	#0	QPSK	NV	10	-15. 34	-0.0 09	-2.5	2.5	PAS S
Band 66	3	13232 2	15	#0	QPSK	NV	20	-30. 01	-0.0 17	-2.5	2.5	PAS S
Band 66	3	13232 2	15	#0	QPSK	NV	30	-9.1 6	-0.0 05	-2.5	2.5	PAS S
Band 66	3	13232 2	15	#0	QPSK	NV	40	-22. 54	-0.0 13	-2.5	2.5	PAS S
Band 66	3	13232 2	15	#0	QPSK	NV	50	-35. 78	-0.0 21	-2.5	2.5	PAS S
Band 66	3	13232 2	15	#0	16QAM	NV	-30	-13. 03	-0.0 07	-2.5	2.5	PAS S
Band 66	3	13232 2	15	#0	16QAM	NV	-20	-22. 32	-0.0 13	-2.5	2.5	PAS S
Band 66	3	13232 2	15	#0	16QAM	NV	0	-30. 18	-0.0 17	-2.5	2.5	PAS S
Band 66	3	13232 2	15	#0	16QAM	NV	10	-38. 48	-0.0 22	-2.5	2.5	PAS S
Band 66	3	13232 2	15	#0	16QAM	NV	20	-7.8 8	-0.0 05	-2.5	2.5	PAS S
Band 66	3	13232 2	15	#0	16QAM	NV	30	-13. 82	-0.0 08	-2.5	2.5	PAS S
Band 66	3	13232 2	15	#0	16QAM	NV	40	-17. 25	-0.0 10	-2.5	2.5	PAS S
Band 66	3	13232 2	15	#0	16QAM	NV	50	-24. 18	-0.0 14	-2.5	2.5	PAS S
Band 66	3	13265 7	15	#0	QPSK	NV	-30	6.32	0.00 4	-2.5	2.5	PAS S
Band 66	3	13265 7	15	#0	QPSK	NV	-20	7.31	0.00 4	-2.5	2.5	PAS S
Band 66	3	13265 7	15	#0	QPSK	NV	0	5.36	0.00 3	-2.5	2.5	PAS S
Band 66	3	13265 7	15	#0	QPSK	NV	10	0.69	0.00 0	-2.5	2.5	PAS S
Band 66	3	13265 7	15	#0	QPSK	NV	20	-2.4 7	-0.0 01	-2.5	2.5	PAS S
Band 66	3	13265	15	#0	QPSK	NV	30	-7.4	-0.0	-2.5	2.5	PAS

66		7						1	04			S
Band 66	3	132657	15	#0	QPSK	NV	40	-13.70	-0.08	-2.5	2.5	PAS S
Band 66	3	132657	15	#0	QPSK	NV	50	-18.34	-0.010	-2.5	2.5	PAS S
Band 66	3	132657	15	#0	16QAM	NV	-30	-22.30	-0.013	-2.5	2.5	PAS S
Band 66	3	132657	15	#0	16QAM	NV	-20	-23.56	-0.013	-2.5	2.5	PAS S
Band 66	3	132657	15	#0	16QAM	NV	0	-25.49	-0.014	-2.5	2.5	PAS S
Band 66	3	132657	15	#0	16QAM	NV	10	-24.16	-0.014	-2.5	2.5	PAS S
Band 66	3	132657	15	#0	16QAM	NV	20	-23.95	-0.013	-2.5	2.5	PAS S
Band 66	3	132657	15	#0	16QAM	NV	30	-22.72	-0.013	-2.5	2.5	PAS S
Band 66	3	132657	15	#0	16QAM	NV	40	-21.39	-0.012	-2.5	2.5	PAS S
Band 66	3	132657	15	#0	16QAM	NV	50	-16.02	-0.009	-2.5	2.5	PAS S
Band 66	5	131997	25	#0	QPSK	NV	-30	-3.19	-0.002	-2.5	2.5	PAS S
Band 66	5	131997	25	#0	QPSK	NV	-20	-14.96	-0.009	-2.5	2.5	PAS S
Band 66	5	131997	25	#0	QPSK	NV	0	-28.20	-0.016	-2.5	2.5	PAS S
Band 66	5	131997	25	#0	QPSK	NV	10	-13.38	-0.008	-2.5	2.5	PAS S
Band 66	5	131997	25	#0	QPSK	NV	20	1.33	0.001	-2.5	2.5	PAS S
Band 66	5	131997	25	#0	QPSK	NV	30	-11.44	-0.007	-2.5	2.5	PAS S
Band 66	5	131997	25	#0	QPSK	NV	40	-28.52	-0.017	-2.5	2.5	PAS S
Band 66	5	131997	25	#0	QPSK	NV	50	-8.00	-0.005	-2.5	2.5	PAS S
Band 66	5	131997	25	#0	16QAM	NV	-30	-26.68	-0.016	-2.5	2.5	PAS S
Band 66	5	131997	25	#0	16QAM	NV	-20	-14.72	-0.009	-2.5	2.5	PAS S
Band 66	5	131997	25	#0	16QAM	NV	0	-15.98	-0.009	-2.5	2.5	PAS S
Band 66	5	131997	25	#0	16QAM	NV	10	-31.	-0.0	-2.5	2.5	PAS

66		7						29	18			S
Band 66	5	131997	25	#0	16QAM	NV	20	-24.76	-0.014	-2.5	2.5	PAS S
Band 66	5	131997	25	#0	16QAM	NV	30	-16.19	-0.009	-2.5	2.5	PAS S
Band 66	5	131997	25	#0	16QAM	NV	40	-29.70	-0.017	-2.5	2.5	PAS S
Band 66	5	131997	25	#0	16QAM	NV	50	5.91	0.003	-2.5	2.5	PAS S
Band 66	5	132322	25	#0	QPSK	NV	-30	11.63	0.007	-2.5	2.5	PAS S
Band 66	5	132322	25	#0	QPSK	NV	-20	0.13	0.000	-2.5	2.5	PAS S
Band 66	5	132322	25	#0	QPSK	NV	0	-11.86	-0.007	-2.5	2.5	PAS S
Band 66	5	132322	25	#0	QPSK	NV	10	-23.55	-0.013	-2.5	2.5	PAS S
Band 66	5	132322	25	#0	QPSK	NV	20	-33.57	-0.019	-2.5	2.5	PAS S
Band 66	5	132322	25	#0	QPSK	NV	30	-27.41	-0.016	-2.5	2.5	PAS S
Band 66	5	132322	25	#0	QPSK	NV	40	-27.94	-0.016	-2.5	2.5	PAS S
Band 66	5	132322	25	#0	QPSK	NV	50	-21.51	-0.012	-2.5	2.5	PAS S
Band 66	5	132322	25	#0	16QAM	NV	-30	1.30	0.001	-2.5	2.5	PAS S
Band 66	5	132322	25	#0	16QAM	NV	-20	-3.58	-0.002	-2.5	2.5	PAS S
Band 66	5	132322	25	#0	16QAM	NV	0	-5.22	-0.003	-2.5	2.5	PAS S
Band 66	5	132322	25	#0	16QAM	NV	10	-6.87	-0.004	-2.5	2.5	PAS S
Band 66	5	132322	25	#0	16QAM	NV	20	-7.04	-0.004	-2.5	2.5	PAS S
Band 66	5	132322	25	#0	16QAM	NV	30	-11.72	-0.007	-2.5	2.5	PAS S
Band 66	5	132322	25	#0	16QAM	NV	40	-10.90	-0.006	-2.5	2.5	PAS S
Band 66	5	132322	25	#0	16QAM	NV	50	-9.14	-0.005	-2.5	2.5	PAS S
Band 66	5	132647	25	#0	QPSK	NV	-30	17.41	0.010	-2.5	2.5	PAS S
Band 66	5	132647	25	#0	QPSK	NV	-20	20.4	0.01	-2.5	2.5	PAS S

66		7						6	2			S
Band 66	5	132647	25	#0	QPSK	NV	0	22.50	0.013	-2.5	2.5	PAS S
Band 66	5	132647	25	#0	QPSK	NV	10	20.21	0.011	-2.5	2.5	PAS S
Band 66	5	132647	25	#0	QPSK	NV	20	15.58	0.009	-2.5	2.5	PAS S
Band 66	5	132647	25	#0	QPSK	NV	30	6.04	0.003	-2.5	2.5	PAS S
Band 66	5	132647	25	#0	QPSK	NV	40	0.33	0.000	-2.5	2.5	PAS S
Band 66	5	132647	25	#0	QPSK	NV	50	-2.95	-0.002	-2.5	2.5	PAS S
Band 66	5	132647	25	#0	16QAM	NV	-30	-9.30	-0.005	-2.5	2.5	PAS S
Band 66	5	132647	25	#0	16QAM	NV	-20	-11.63	-0.007	-2.5	2.5	PAS S
Band 66	5	132647	25	#0	16QAM	NV	0	-11.10	-0.006	-2.5	2.5	PAS S
Band 66	5	132647	25	#0	16QAM	NV	10	-5.18	-0.003	-2.5	2.5	PAS S
Band 66	5	132647	25	#0	16QAM	NV	20	-1.02	-0.001	-2.5	2.5	PAS S
Band 66	5	132647	25	#0	16QAM	NV	30	-1.63	-0.001	-2.5	2.5	PAS S
Band 66	5	132647	25	#0	16QAM	NV	40	1.85	0.001	-2.5	2.5	PAS S
Band 66	5	132647	25	#0	16QAM	NV	50	7.31	0.004	-2.5	2.5	PAS S
Band 66	10	132022	50	#0	QPSK	NV	-30	-7.54	-0.004	-2.5	2.5	PAS S
Band 66	10	132022	50	#0	QPSK	NV	-20	-18.74	-0.001	-2.5	2.5	PAS S
Band 66	10	132022	50	#0	QPSK	NV	0	-27.17	-0.0016	-2.5	2.5	PAS S
Band 66	10	132022	50	#0	QPSK	NV	10	-38.22	-0.0022	-2.5	2.5	PAS S
Band 66	10	132022	50	#0	QPSK	NV	20	-30.80	-0.0018	-2.5	2.5	PAS S
Band 66	10	132022	50	#0	QPSK	NV	30	0.11	0.000	-2.5	2.5	PAS S
Band 66	10	132022	50	#0	QPSK	NV	40	-14.88	-0.0009	-2.5	2.5	PAS S
Band 66	10	132022	50	#0	QPSK	NV	50	-33.	-0.00	-2.5	2.5	PAS S

66		2						50	20			S
Band 66	10	13202 2	50	#0	16QAM	NV	-30	-10. 97	-0.0 06	-2.5	2.5	PAS S
Band 66	10	13202 2	50	#0	16QAM	NV	-20	-22. 53	-0.0 13	-2.5	2.5	PAS S
Band 66	10	13202 2	50	#0	16QAM	NV	0	-30. 54	-0.0 18	-2.5	2.5	PAS S
Band 66	10	13202 2	50	#0	16QAM	NV	10	-30. 74	-0.0 18	-2.5	2.5	PAS S
Band 66	10	13202 2	50	#0	16QAM	NV	20	-12. 65	-0.0 07	-2.5	2.5	PAS S
Band 66	10	13202 2	50	#0	16QAM	NV	30	-20. 53	-0.0 12	-2.5	2.5	PAS S
Band 66	10	13202 2	50	#0	16QAM	NV	40	-24. 50	-0.0 14	-2.5	2.5	PAS S
Band 66	10	13202 2	50	#0	16QAM	NV	50	-27. 27	-0.0 16	-2.5	2.5	PAS S
Band 66	10	13232 2	50	#0	QPSK	NV	-30	0.82	0.00 0	-2.5	2.5	PAS S
Band 66	10	13232 2	50	#0	QPSK	NV	-20	-16. 81	-0.0 10	-2.5	2.5	PAS S
Band 66	10	13232 2	50	#0	QPSK	NV	0	-27. 89	-0.0 16	-2.5	2.5	PAS S
Band 66	10	13232 2	50	#0	QPSK	NV	10	-40. 41	-0.0 23	-2.5	2.5	PAS S
Band 66	10	13232 2	50	#0	QPSK	NV	20	-24. 50	-0.0 14	-2.5	2.5	PAS S
Band 66	10	13232 2	50	#0	QPSK	NV	30	-9.1 8	-0.0 05	-2.5	2.5	PAS S
Band 66	10	13232 2	50	#0	QPSK	NV	40	-20. 70	-0.0 12	-2.5	2.5	PAS S
Band 66	10	13232 2	50	#0	QPSK	NV	50	-33. 06	-0.0 19	-2.5	2.5	PAS S
Band 66	10	13232 2	50	#0	16QAM	NV	-30	-0.1 9	0.00 0	-2.5	2.5	PAS S
Band 66	10	13232 2	50	#0	16QAM	NV	-20	-10. 74	-0.0 06	-2.5	2.5	PAS S
Band 66	10	13232 2	50	#0	16QAM	NV	0	-15. 22	-0.0 09	-2.5	2.5	PAS S
Band 66	10	13232 2	50	#0	16QAM	NV	10	-20. 83	-0.0 12	-2.5	2.5	PAS S
Band 66	10	13232 2	50	#0	16QAM	NV	20	-28. 48	-0.0 16	-2.5	2.5	PAS S
Band 66	10	13232	50	#0	16QAM	NV	30	-29.	-0.0	-2.5	2.5	PAS

66		2						43	17			S
Band 66	10	13232 2	50	#0	16QAM	NV	40	-32. 17	-0.0 18	-2.5	2.5	PAS S
Band 66	10	13232 2	50	#0	16QAM	NV	50	-36. 31	-0.0 21	-2.5	2.5	PAS S
Band 66	10	13262 2	50	#0	QPSK	NV	-30	29.4 0	0.01 7	-2.5	2.5	PAS S
Band 66	10	13262 2	50	#0	QPSK	NV	-20	33.1 0	0.01 9	-2.5	2.5	PAS S
Band 66	10	13262 2	50	#0	QPSK	NV	0	33.0 0	0.01 9	-2.5	2.5	PAS S
Band 66	10	13262 2	50	#0	QPSK	NV	10	32.5 7	0.01 8	-2.5	2.5	PAS S
Band 66	10	13262 2	50	#0	QPSK	NV	20	30.1 3	0.01 7	-2.5	2.5	PAS S
Band 66	10	13262 2	50	#0	QPSK	NV	30	30.7 6	0.01 7	-2.5	2.5	PAS S
Band 66	10	13262 2	50	#0	QPSK	NV	40	34.0 5	0.01 9	-2.5	2.5	PAS S
Band 66	10	13262 2	50	#0	QPSK	NV	50	31.6 9	0.01 8	-2.5	2.5	PAS S
Band 66	10	13262 2	50	#0	16QAM	NV	-30	33.8 3	0.01 9	-2.5	2.5	PAS S
Band 66	10	13262 2	50	#0	16QAM	NV	-20	41.4 6	0.02 3	-2.5	2.5	PAS S
Band 66	10	13262 2	50	#0	16QAM	NV	0	-6.4 9	-0.0 04	-2.5	2.5	PAS S
Band 66	10	13262 2	50	#0	16QAM	NV	10	2.20 1	0.00 1	-2.5	2.5	PAS S
Band 66	10	13262 2	50	#0	16QAM	NV	20	15.9 1	0.00 9	-2.5	2.5	PAS S
Band 66	10	13262 2	50	#0	16QAM	NV	30	25.0 1	0.01 4	-2.5	2.5	PAS S
Band 66	10	13262 2	50	#0	16QAM	NV	40	24.0 0	0.01 4	-2.5	2.5	PAS S
Band 66	10	13262 2	50	#0	16QAM	NV	50	8.07 5	0.00 5	-2.5	2.5	PAS S
Band 66	15	13204 7	75	#0	QPSK	NV	-30	22.7 2	0.01 3	-2.5	2.5	PAS S
Band 66	15	13204 7	75	#0	QPSK	NV	-20	10.0 1	0.00 6	-2.5	2.5	PAS S
Band 66	15	13204 7	75	#0	QPSK	NV	0	0.34 0	0.00 0	-2.5	2.5	PAS S
Band 66	15	13204 7	75	#0	QPSK	NV	10	-9.4 0	-0.0 0	-2.5	2.5	PAS S

66		7						6	06			S
Band 66	15	132047	75	#0	QPSK	NV	20	-24.92	-0.015	-2.5	2.5	PAS S
Band 66	15	132047	75	#0	QPSK	NV	30	-39.38	-0.023	-2.5	2.5	PAS S
Band 66	15	132047	75	#0	QPSK	NV	40	-14.52	-0.008	-2.5	2.5	PAS S
Band 66	15	132047	75	#0	QPSK	NV	50	-31.59	-0.018	-2.5	2.5	PAS S
Band 66	15	132047	75	#0	16QAM	NV	-30	-29.45	-0.017	-2.5	2.5	PAS S
Band 66	15	132047	75	#0	16QAM	NV	-20	-19.48	-0.011	-2.5	2.5	PAS S
Band 66	15	132047	75	#0	16QAM	NV	0	-25.51	-0.015	-2.5	2.5	PAS S
Band 66	15	132047	75	#0	16QAM	NV	10	-30.33	-0.018	-2.5	2.5	PAS S
Band 66	15	132047	75	#0	16QAM	NV	20	-35.38	-0.021	-2.5	2.5	PAS S
Band 66	15	132047	75	#0	16QAM	NV	30	-39.90	-0.023	-2.5	2.5	PAS S
Band 66	15	132047	75	#0	16QAM	NV	40	-47.55	-0.028	-2.5	2.5	PAS S
Band 66	15	132047	75	#0	16QAM	NV	50	-45.20	-0.026	-2.5	2.5	PAS S
Band 66	15	132322	75	#0	QPSK	NV	-30	13.83	0.008	-2.5	2.5	PAS S
Band 66	15	132322	75	#0	QPSK	NV	-20	0.70	0.000	-2.5	2.5	PAS S
Band 66	15	132322	75	#0	QPSK	NV	0	-16.08	-0.009	-2.5	2.5	PAS S
Band 66	15	132322	75	#0	QPSK	NV	10	-31.31	-0.018	-2.5	2.5	PAS S
Band 66	15	132322	75	#0	QPSK	NV	20	-10.61	-0.006	-2.5	2.5	PAS S
Band 66	15	132322	75	#0	QPSK	NV	30	-25.09	-0.014	-2.5	2.5	PAS S
Band 66	15	132322	75	#0	QPSK	NV	40	-29.45	-0.017	-2.5	2.5	PAS S
Band 66	15	132322	75	#0	QPSK	NV	50	-12.07	-0.007	-2.5	2.5	PAS S
Band 66	15	132322	75	#0	16QAM	NV	-30	-27.37	-0.016	-2.5	2.5	PAS S
Band 66	15	132322	75	#0	16QAM	NV	-20	-33.	-0.0	-2.5	2.5	PAS

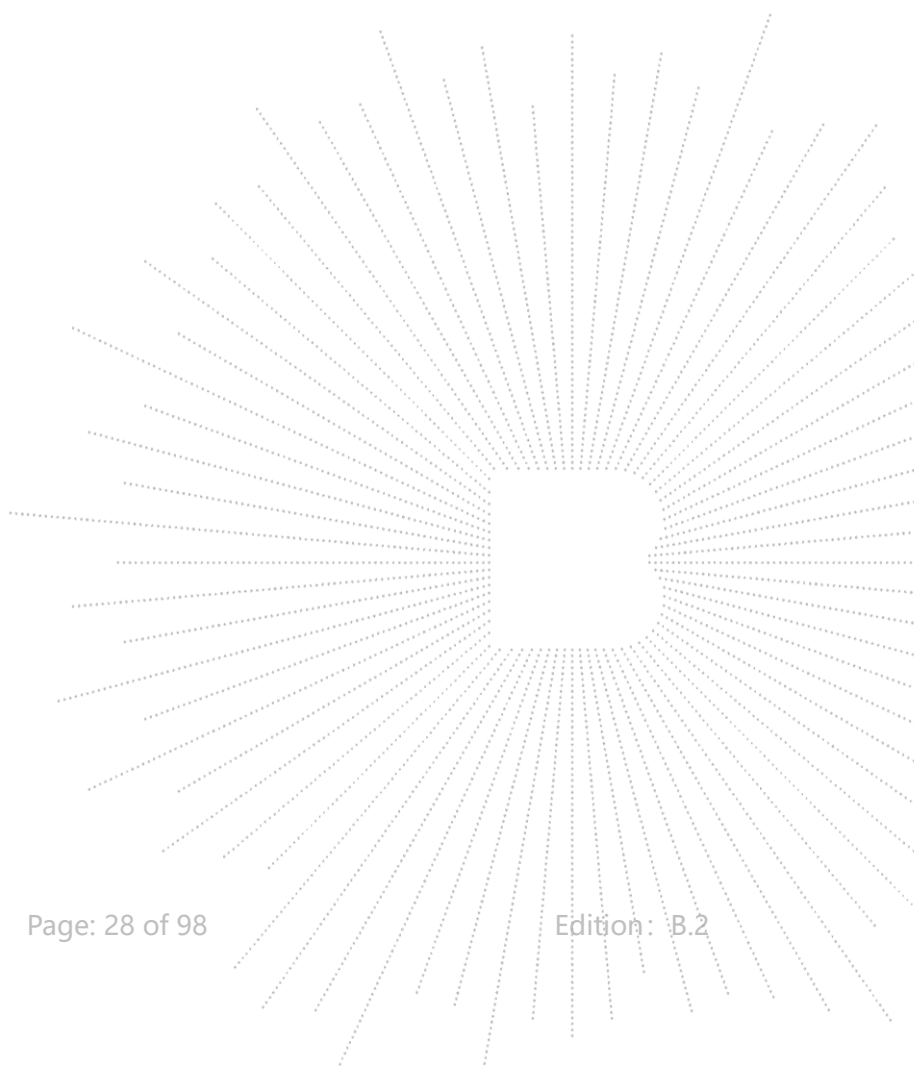
66		2						86	19			S
Band 66	15	13232 2	75	#0	16QAM	NV	0	-34. 55	-0.0 20	-2.5	2.5	PAS S
Band 66	15	13232 2	75	#0	16QAM	NV	10	-37. 35	-0.0 21	-2.5	2.5	PAS S
Band 66	15	13232 2	75	#0	16QAM	NV	20	-24. 18	-0.0 14	-2.5	2.5	PAS S
Band 66	15	13232 2	75	#0	16QAM	NV	30	-8.4 3	-0.0 05	-2.5	2.5	PAS S
Band 66	15	13232 2	75	#0	16QAM	NV	40	-9.7 1	-0.0 06	-2.5	2.5	PAS S
Band 66	15	13232 2	75	#0	16QAM	NV	50	-8.3 3	-0.0 05	-2.5	2.5	PAS S
Band 66	15	13259 7	75	#0	QPSK	NV	-30	16.2 6	0.00 9	-2.5	2.5	PAS S
Band 66	15	13259 7	75	#0	QPSK	NV	-20	22.4 0	0.01 3	-2.5	2.5	PAS S
Band 66	15	13259 7	75	#0	QPSK	NV	0	20.8 0	0.01 2	-2.5	2.5	PAS S
Band 66	15	13259 7	75	#0	QPSK	NV	10	18.4 4	0.01 0	-2.5	2.5	PAS S
Band 66	15	13259 7	75	#0	QPSK	NV	20	18.5 8	0.01 0	-2.5	2.5	PAS S
Band 66	15	13259 7	75	#0	QPSK	NV	30	19.1 7	0.01 1	-2.5	2.5	PAS S
Band 66	15	13259 7	75	#0	QPSK	NV	40	19.3 3	0.01 1	-2.5	2.5	PAS S
Band 66	15	13259 7	75	#0	QPSK	NV	50	21.5 4	0.01 2	-2.5	2.5	PAS S
Band 66	15	13259 7	75	#0	16QAM	NV	-30	23.9 5	0.01 4	-2.5	2.5	PAS S
Band 66	15	13259 7	75	#0	16QAM	NV	-20	34.0 6	0.01 9	-2.5	2.5	PAS S
Band 66	15	13259 7	75	#0	16QAM	NV	0	21.7 2	0.01 2	-2.5	2.5	PAS S
Band 66	15	13259 7	75	#0	16QAM	NV	10	9.10 5	0.00 5	-2.5	2.5	PAS S
Band 66	15	13259 7	75	#0	16QAM	NV	20	19.5 6	0.01 1	-2.5	2.5	PAS S
Band 66	15	13259 7	75	#0	16QAM	NV	30	29.2 0	0.01 6	-2.5	2.5	PAS S
Band 66	15	13259 7	75	#0	16QAM	NV	40	10.2 0	0.00 6	-2.5	2.5	PAS S
Band 66	15	13259 7	75	#0	16QAM	NV	50	20.5 0	0.01 6	-2.5	2.5	PAS S



66		7						6	2			S
Band 66	20	132072	100	#0	QPSK	NV	-30	3.66	0.002	-2.5	2.5	PAS S
Band 66	20	132072	100	#0	QPSK	NV	-20	-10.43	-0.006	-2.5	2.5	PAS S
Band 66	20	132072	100	#0	QPSK	NV	0	-18.95	-0.011	-2.5	2.5	PAS S
Band 66	20	132072	100	#0	QPSK	NV	10	-30.10	-0.018	-2.5	2.5	PAS S
Band 66	20	132072	100	#0	QPSK	NV	20	-26.44	-0.015	-2.5	2.5	PAS S
Band 66	20	132072	100	#0	QPSK	NV	30	-14.06	-0.008	-2.5	2.5	PAS S
Band 66	20	132072	100	#0	QPSK	NV	40	-27.48	-0.016	-2.5	2.5	PAS S
Band 66	20	132072	100	#0	QPSK	NV	50	-39.93	-0.023	-2.5	2.5	PAS S
Band 66	20	132072	100	#0	16QAM	NV	-30	-16.75	-0.010	-2.5	2.5	PAS S
Band 66	20	132072	100	#0	16QAM	NV	-20	-15.58	-0.009	-2.5	2.5	PAS S
Band 66	20	132072	100	#0	16QAM	NV	0	-17.17	-0.010	-2.5	2.5	PAS S
Band 66	20	132072	100	#0	16QAM	NV	10	-19.20	-0.011	-2.5	2.5	PAS S
Band 66	20	132072	100	#0	16QAM	NV	20	-21.79	-0.013	-2.5	2.5	PAS S
Band 66	20	132072	100	#0	16QAM	NV	30	-21.36	-0.012	-2.5	2.5	PAS S
Band 66	20	132072	100	#0	16QAM	NV	40	-21.17	-0.012	-2.5	2.5	PAS S
Band 66	20	132072	100	#0	16QAM	NV	50	-22.02	-0.013	-2.5	2.5	PAS S
Band 66	20	132322	100	#0	QPSK	NV	-30	4.18	0.002	-2.5	2.5	PAS S
Band 66	20	132322	100	#0	QPSK	NV	-20	-13.69	-0.008	-2.5	2.5	PAS S
Band 66	20	132322	100	#0	QPSK	NV	0	-31.70	-0.018	-2.5	2.5	PAS S
Band 66	20	132322	100	#0	QPSK	NV	10	-21.20	-0.012	-2.5	2.5	PAS S
Band 66	20	132322	100	#0	QPSK	NV	20	-22.09	-0.013	-2.5	2.5	PAS S
Band 66	20	132322	100	#0	QPSK	NV	30	-33.	-0.0	-2.5	2.5	PAS

66		2	0					40	19			S
Band 66	20	13232 2	10 0	#0	QPSK	NV	40	-29. 35	-0.0 17	-2.5	2.5	PAS S
Band 66	20	13232 2	10 0	#0	QPSK	NV	50	-11.1 6	-0.0 06	-2.5	2.5	PAS S
Band 66	20	13232 2	10 0	#0	16QAM	NV	-30	-30. 54	-0.0 18	-2.5	2.5	PAS S
Band 66	20	13232 2	10 0	#0	16QAM	NV	-20	-37. 55	-0.0 22	-2.5	2.5	PAS S
Band 66	20	13232 2	10 0	#0	16QAM	NV	0	-4.5 9	-0.0 03	-2.5	2.5	PAS S
Band 66	20	13232 2	10 0	#0	16QAM	NV	10	2.02	0.00 1	-2.5	2.5	PAS S
Band 66	20	13232 2	10 0	#0	16QAM	NV	20	-2.8 6	-0.0 02	-2.5	2.5	PAS S
Band 66	20	13232 2	10 0	#0	16QAM	NV	30	-2.2 2	-0.0 01	-2.5	2.5	PAS S
Band 66	20	13232 2	10 0	#0	16QAM	NV	40	-5.7 6	-0.0 03	-2.5	2.5	PAS S
Band 66	20	13232 2	10 0	#0	16QAM	NV	50	-8.4 8	-0.0 05	-2.5	2.5	PAS S
Band 66	20	13257 2	10 0	#0	QPSK	NV	-30	37.9 1	0.02 1	-2.5	2.5	PAS S
Band 66	20	13257 2	10 0	#0	QPSK	NV	-20	-19. 78	-0.01 1	-2.5	2.5	PAS S
Band 66	20	13257 2	10 0	#0	QPSK	NV	0	-24. 70	-0.0 14	-2.5	2.5	PAS S
Band 66	20	13257 2	10 0	#0	QPSK	NV	10	-28. 88	-0.0 16	-2.5	2.5	PAS S
Band 66	20	13257 2	10 0	#0	QPSK	NV	20	-30. 20	-0.0 17	-2.5	2.5	PAS S
Band 66	20	13257 2	10 0	#0	QPSK	NV	30	-29. 38	-0.0 17	-2.5	2.5	PAS S
Band 66	20	13257 2	10 0	#0	QPSK	NV	40	-32. 77	-0.0 19	-2.5	2.5	PAS S
Band 66	20	13257 2	10 0	#0	QPSK	NV	50	-33. 16	-0.0 19	-2.5	2.5	PAS S
Band 66	20	13257 2	10 0	#0	16QAM	NV	-30	-35. 69	-0.0 20	-2.5	2.5	PAS S
Band 66	20	13257 2	10 0	#0	16QAM	NV	-20	-23. 86	-0.0 13	-2.5	2.5	PAS S
Band 66	20	13257 2	10 0	#0	16QAM	NV	0	-20. 37	-0.0 12	-2.5	2.5	PAS S
Band 66	20	13257	10	#0	16QAM	NV	10	-10.	-0.0	-2.5	2.5	PAS

66		2	0					93	06			S
Band	20	13257	10	#0	16QAM	NV	20	-1.3	-0.0	-2.5	2.5	PAS
66		2	0					4	01			S
Band	20	13257	10	#0	16QAM	NV	30	11.6	0.00	-2.5	2.5	PAS
66		2	0					6	7			S
Band	20	13257	10	#0	16QAM	NV	40	21.4	0.01	-2.5	2.5	PAS
66		2	0					3	2			S
Band	20	13257	10	#0	16QAM	NV	50	15.9	0.00	-2.5	2.5	PAS
66		2	0					1	9			S

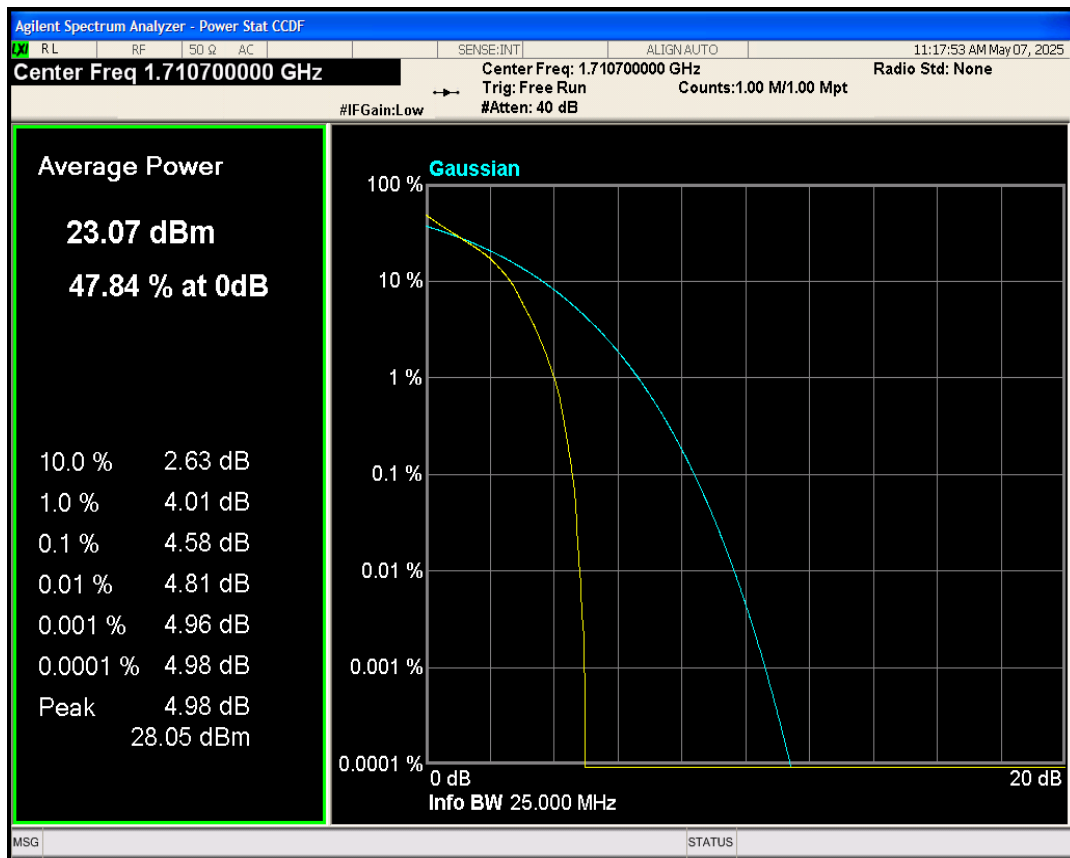


Appendix 3. Peak-to-Average Ratio

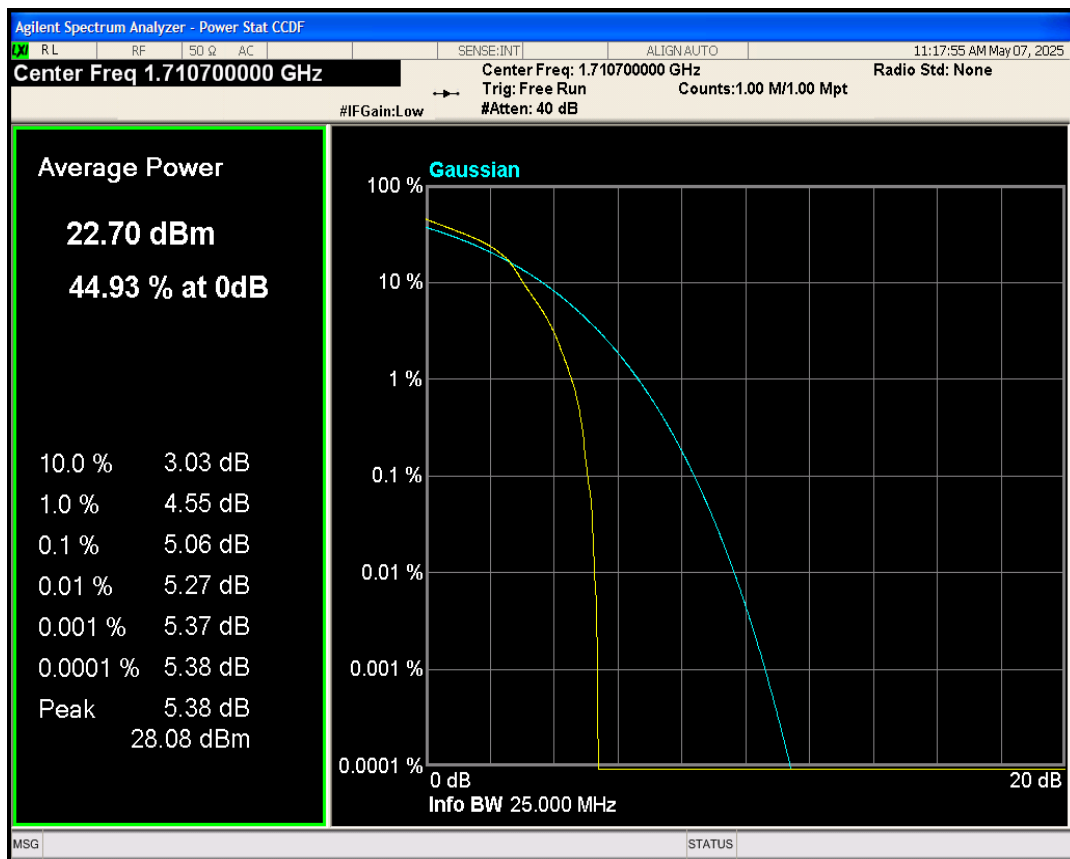
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band66	1.4	131979	1	#0	QPSK	4.58	13	PASS
Band66	1.4	131979	1	#0	16QAM	5.06	13	PASS
Band66	1.4	132322	1	#0	QPSK	5.37	13	PASS
Band66	1.4	132322	1	#0	16QAM	6.15	13	PASS
Band66	1.4	132665	1	#0	QPSK	9.29	13	PASS
Band66	1.4	132665	1	#0	16QAM	0.07	13	PASS
Band66	3	131987	1	#0	QPSK	4.60	13	PASS
Band66	3	131987	1	#0	16QAM	5.53	13	PASS
Band66	3	132322	1	#0	QPSK	5.48	13	PASS
Band66	3	132322	1	#0	16QAM	6.46	13	PASS
Band66	3	132657	1	#0	QPSK	3.62	13	PASS
Band66	3	132657	1	#0	16QAM	3.94	13	PASS
Band66	5	131997	1	#0	QPSK	4.85	13	PASS
Band66	5	131997	1	#0	16QAM	5.71	13	PASS
Band66	5	132322	1	#0	QPSK	5.07	13	PASS
Band66	5	132322	1	#0	16QAM	5.90	13	PASS
Band66	5	132647	1	#0	QPSK	3.16	13	PASS
Band66	5	132647	1	#0	16QAM	4.13	13	PASS
Band66	10	132022	1	#0	QPSK	4.64	13	PASS
Band66	10	132022	1	#0	16QAM	5.79	13	PASS
Band66	10	132322	1	#0	QPSK	4.96	13	PASS
Band66	10	132322	1	#0	16QAM	5.49	13	PASS
Band66	10	132622	1	#0	QPSK	3.02	13	PASS
Band66	10	132622	1	#0	16QAM	4.38	13	PASS
Band66	15	132047	1	#0	QPSK	4.56	13	PASS
Band66	15	132047	1	#0	16QAM	5.81	13	PASS
Band66	15	132322	1	#0	QPSK	4.72	13	PASS
Band66	15	132322	1	#0	16QAM	5.32	13	PASS
Band66	15	132597	1	#0	QPSK	4.01	13	PASS
Band66	15	132597	1	#0	16QAM	4.81	13	PASS
Band66	20	132072	1	#0	QPSK	4.33	13	PASS
Band66	20	132072	1	#0	16QAM	5.40	13	PASS
Band66	20	132322	1	#0	QPSK	4.34	13	PASS
Band66	20	132322	1	#0	16QAM	5.65	13	PASS
Band66	20	132572	1	#0	QPSK	5.12	13	PASS
Band66	20	132572	1	#0	16QAM	6.01	13	PASS



Band66 QPSK BW=1.4MHz Channel=131979 RB Size=1 Position=#0

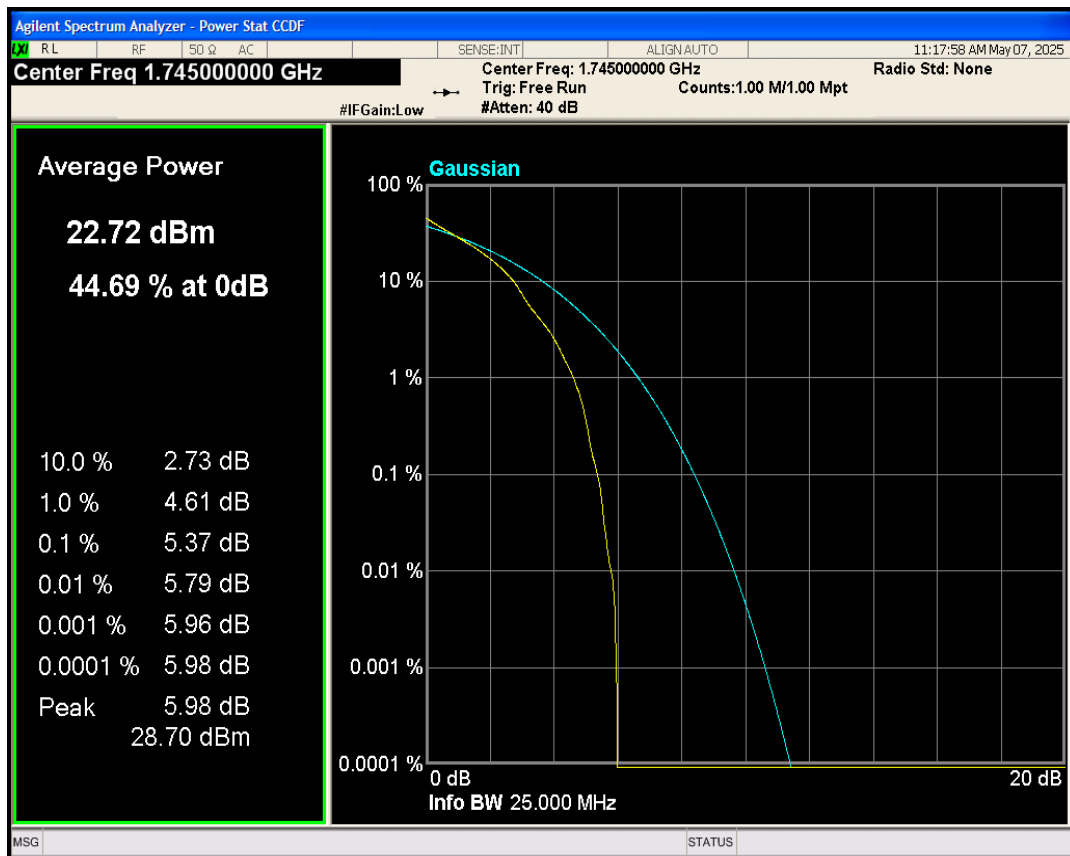


Band66 16QAM BW=1.4MHz Channel=131979 RB Size=1 Position=#0

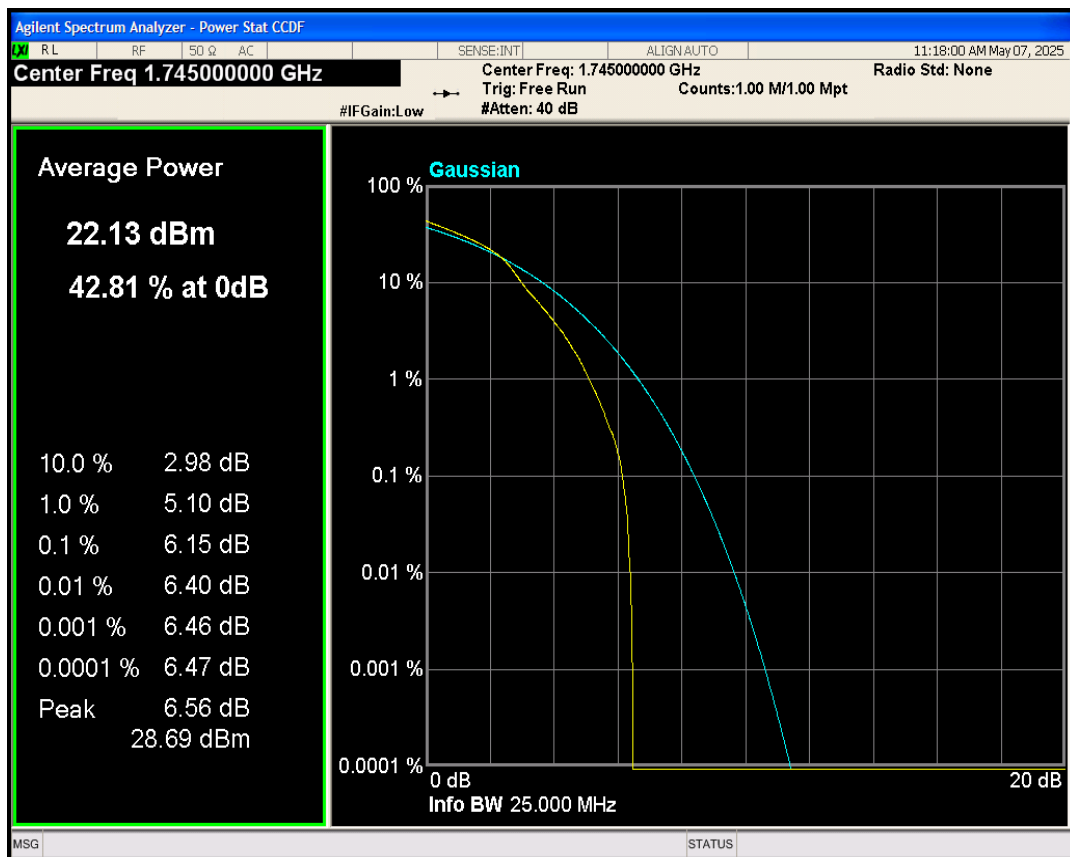




Band66 QPSK BW=1.4MHz Channel=132322 RB Size=1 Position=#0

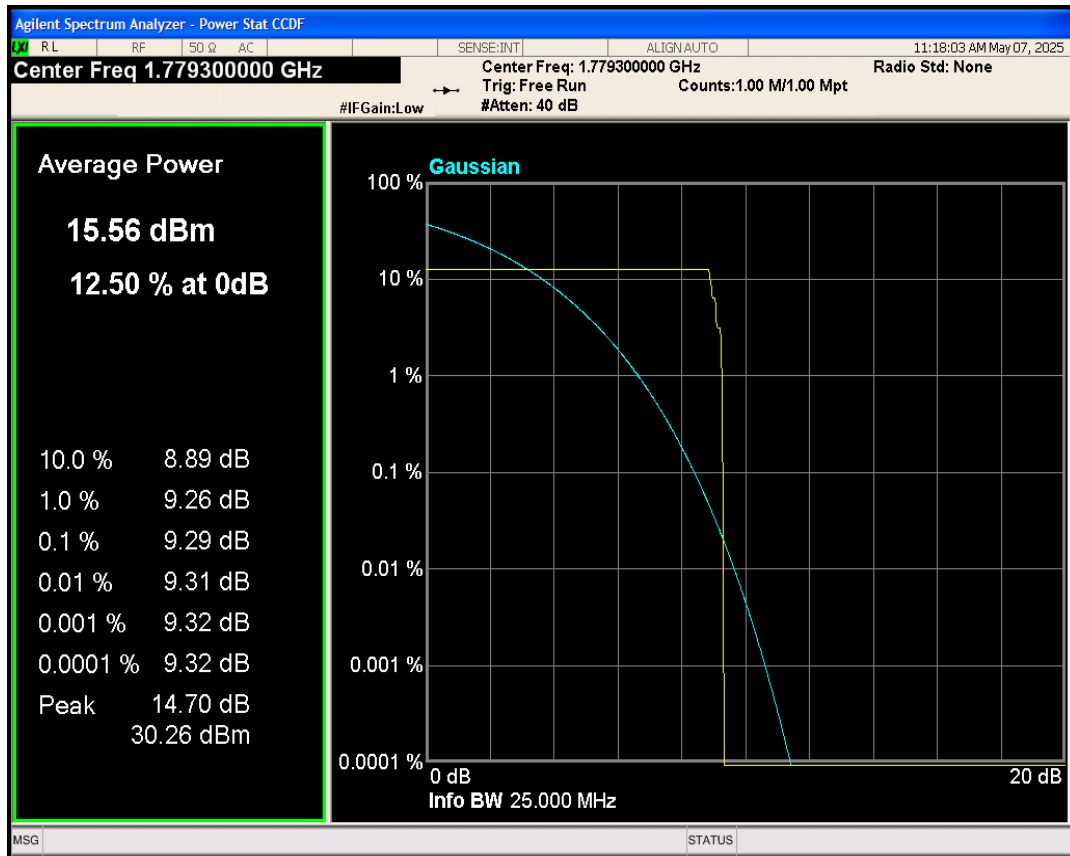


Band66 16QAM BW=1.4MHz Channel=132322 RB Size=1 Position=#0

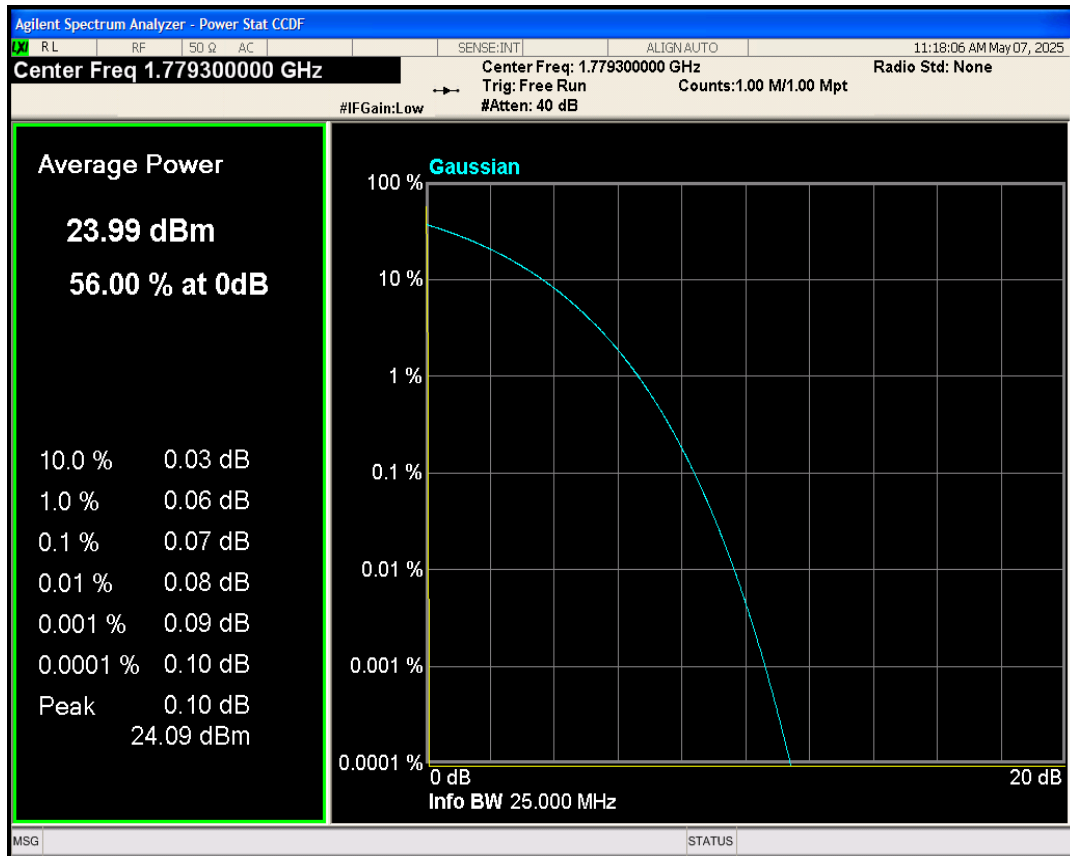




Band66 QPSK BW=1.4MHz Channel=132665 RB Size=1 Position=#0

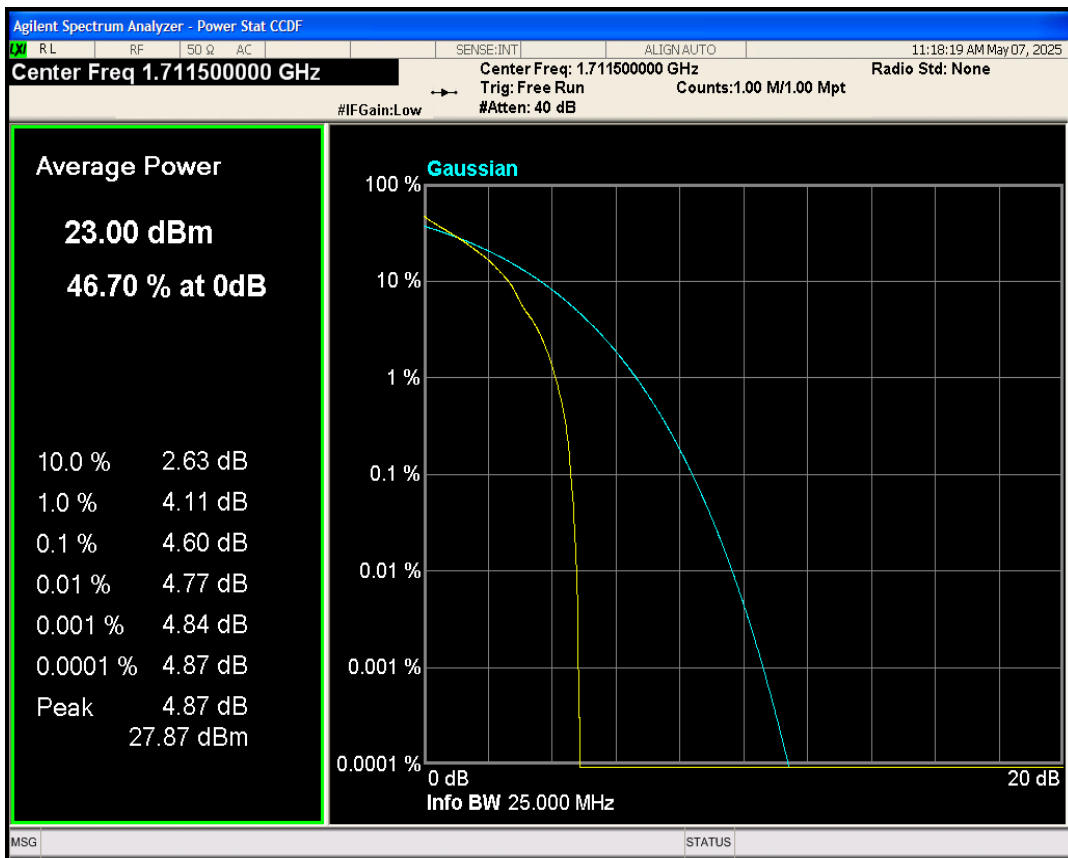


Band66 16QAM BW=1.4MHz Channel=132665 RB Size=1 Position=#0

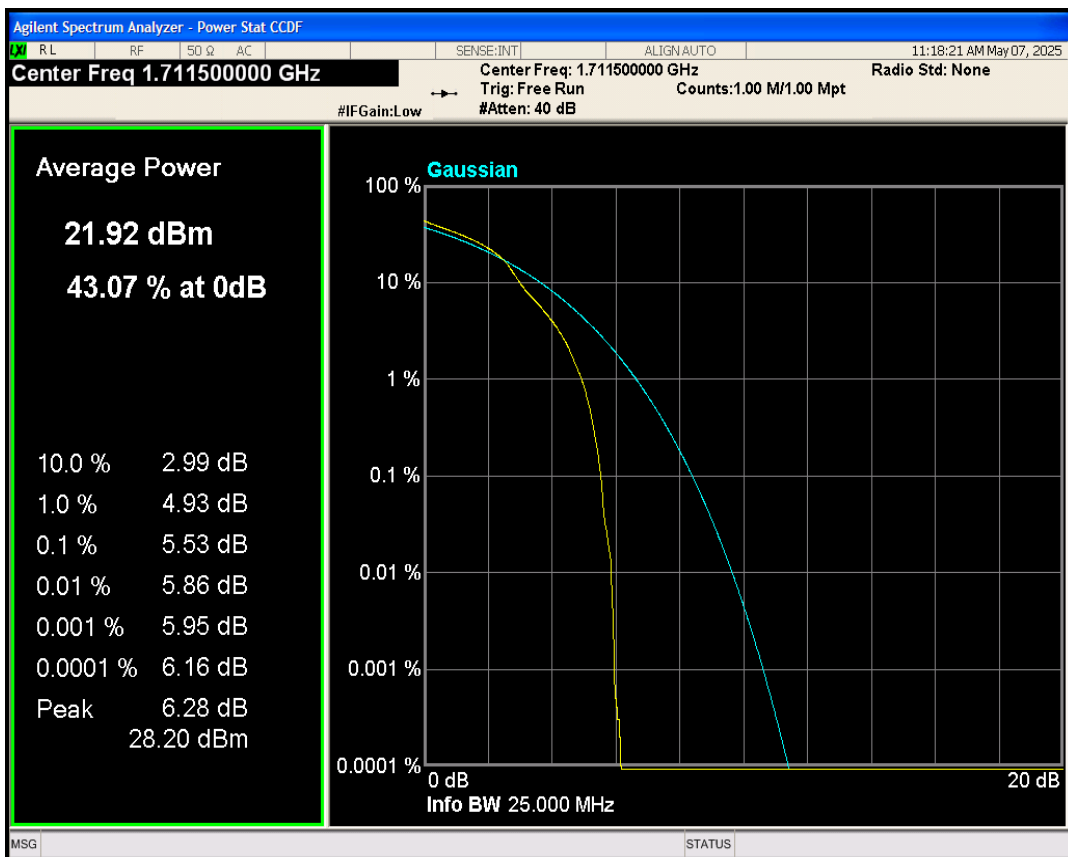




Band66 QPSK BW=3MHz Channel=131987 RB Size=1 Position=#0

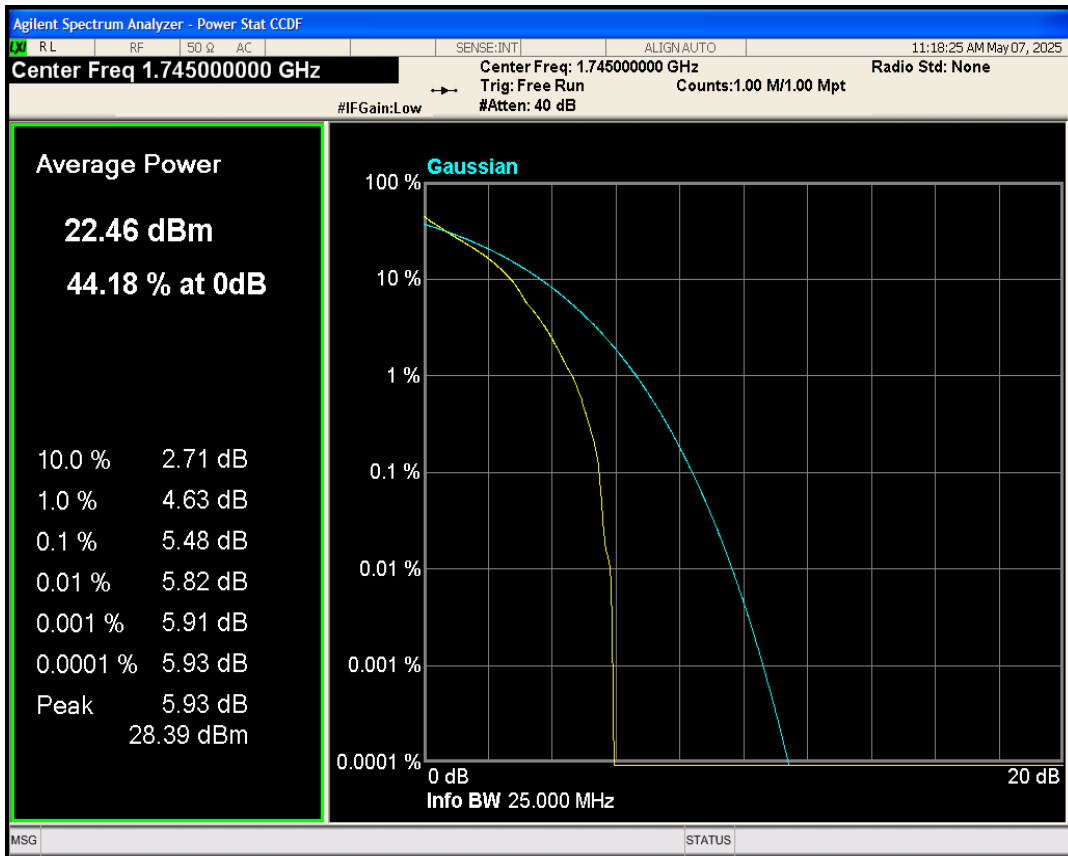


Band66 16QAM BW=3MHz Channel=131987 RB Size=1 Position=#0

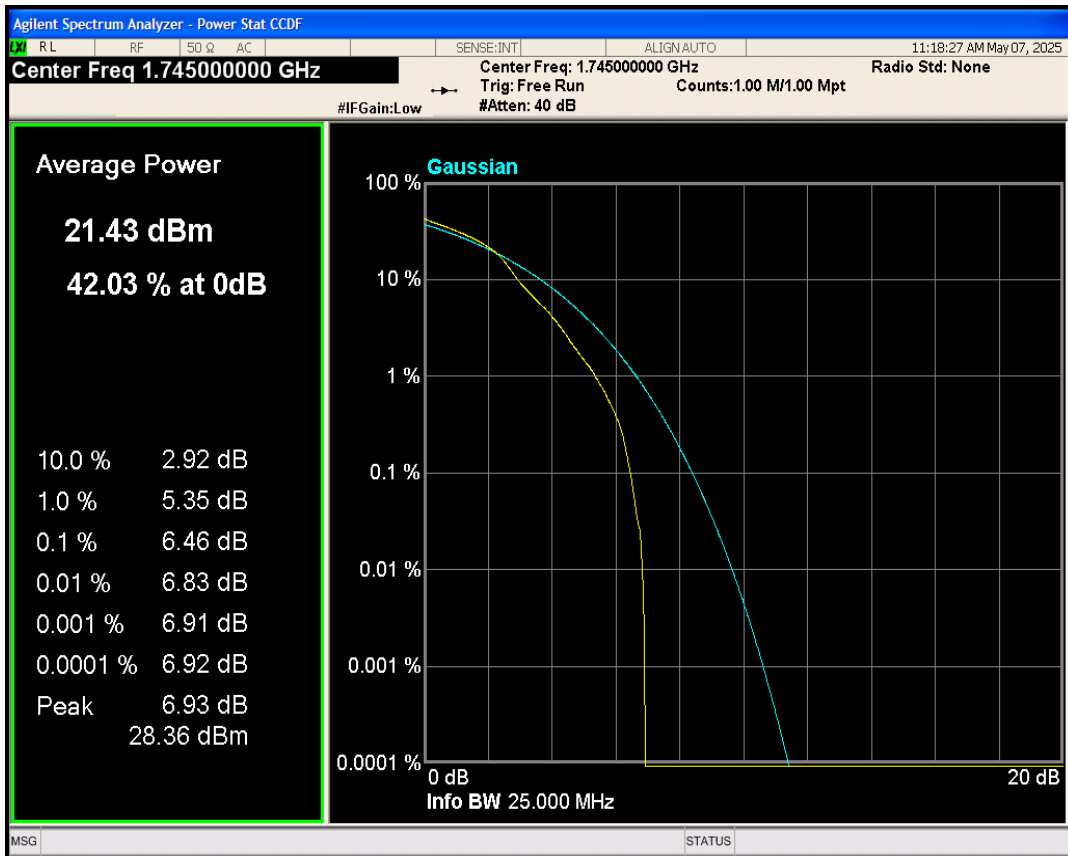




Band66 QPSK BW=3MHz Channel=132322 RB Size=1 Position=#0

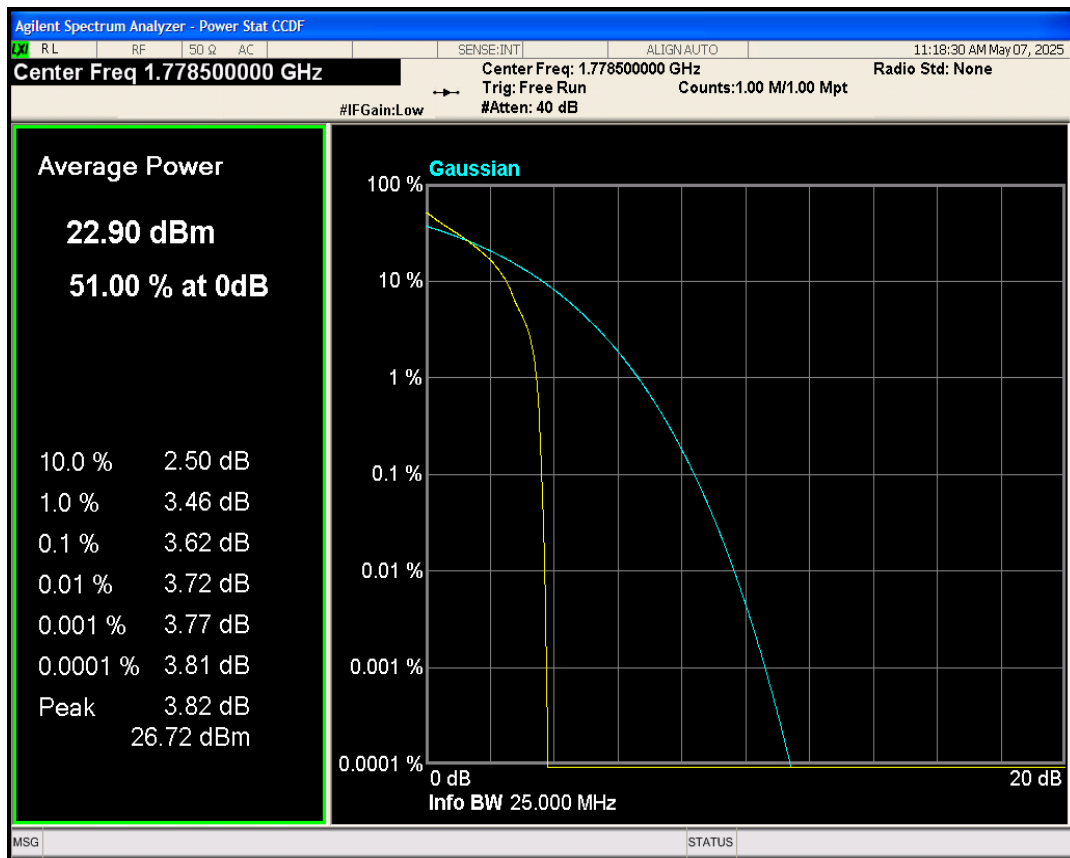


Band66 16QAM BW=3MHz Channel=132322 RB Size=1 Position=#0

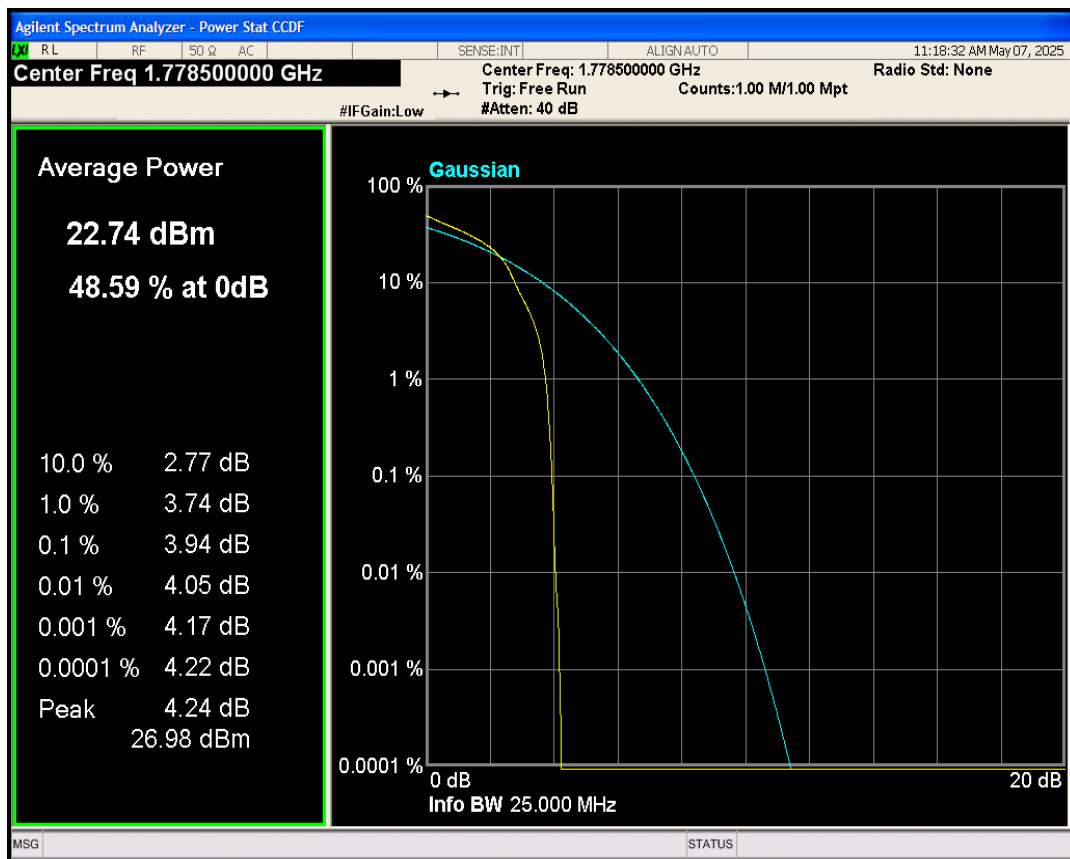




Band66 QPSK BW=3MHz Channel=132657 RB Size=1 Position=#0

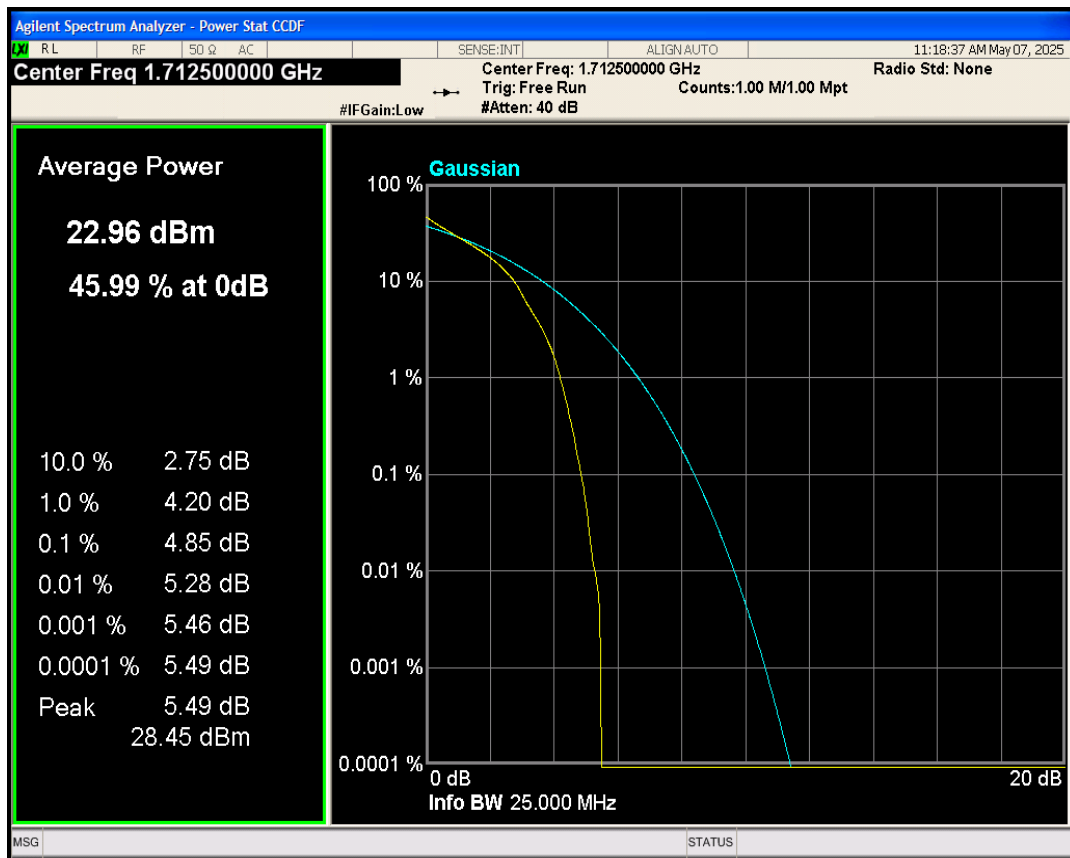


Band66 16QAM BW=3MHz Channel=132657 RB Size=1 Position=#0

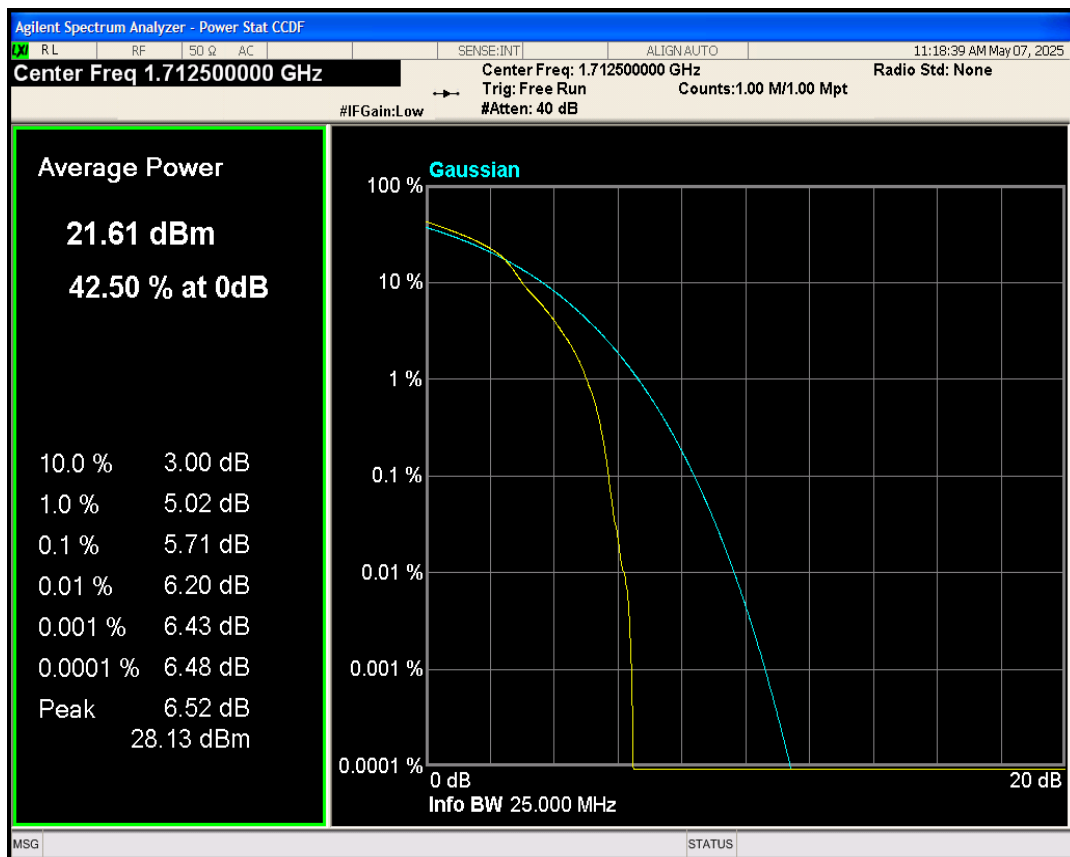




Band66 QPSK BW=5MHz Channel=131997 RB Size=1 Position=#0

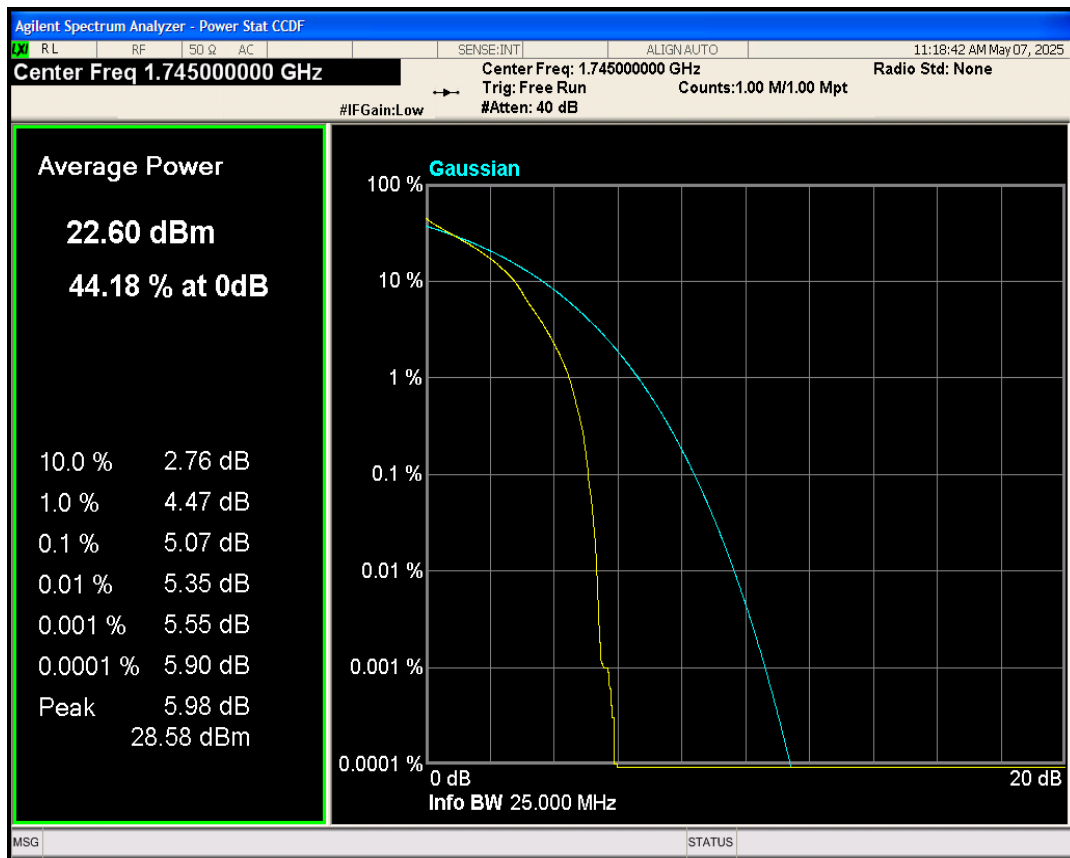


Band66 16QAM BW=5MHz Channel=131997 RB Size=1 Position=#0

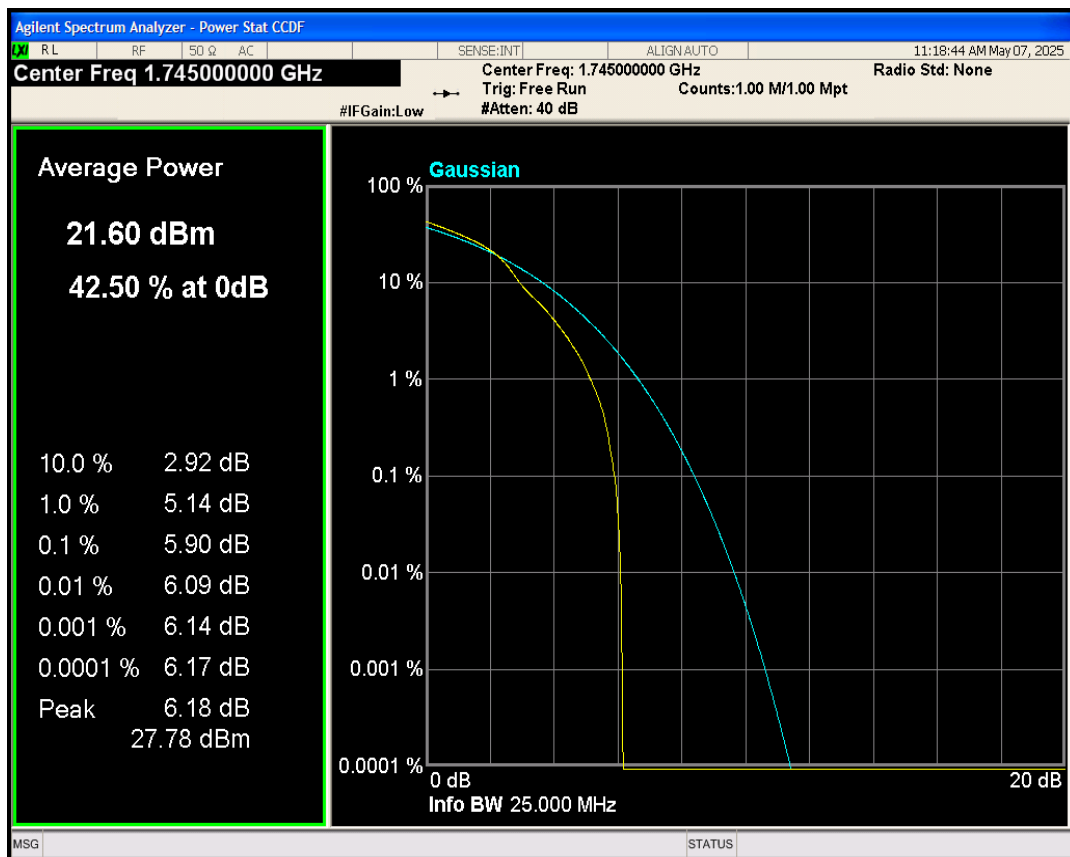




Band66 QPSK BW=5MHz Channel=132322 RB Size=1 Position=#0

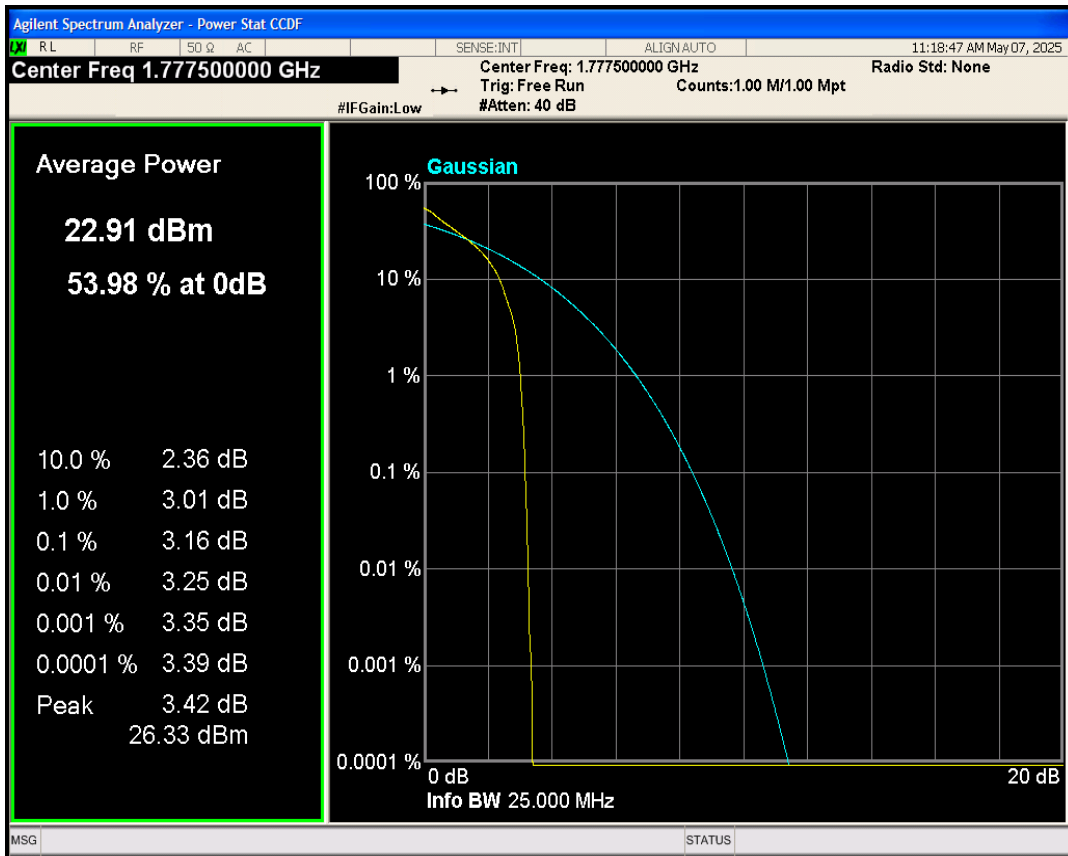


Band66 16QAM BW=5MHz Channel=132322 RB Size=1 Position=#0

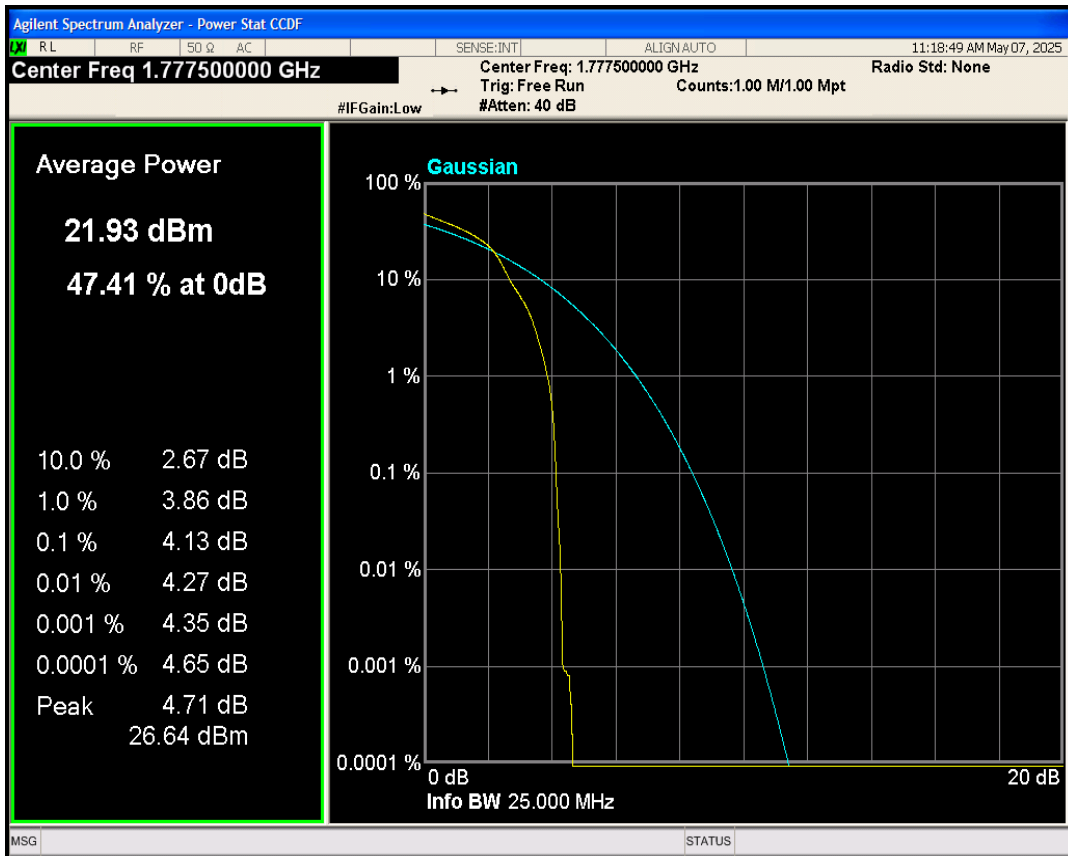




Band66 QPSK BW=5MHz Channel=132647 RB Size=1 Position=#0

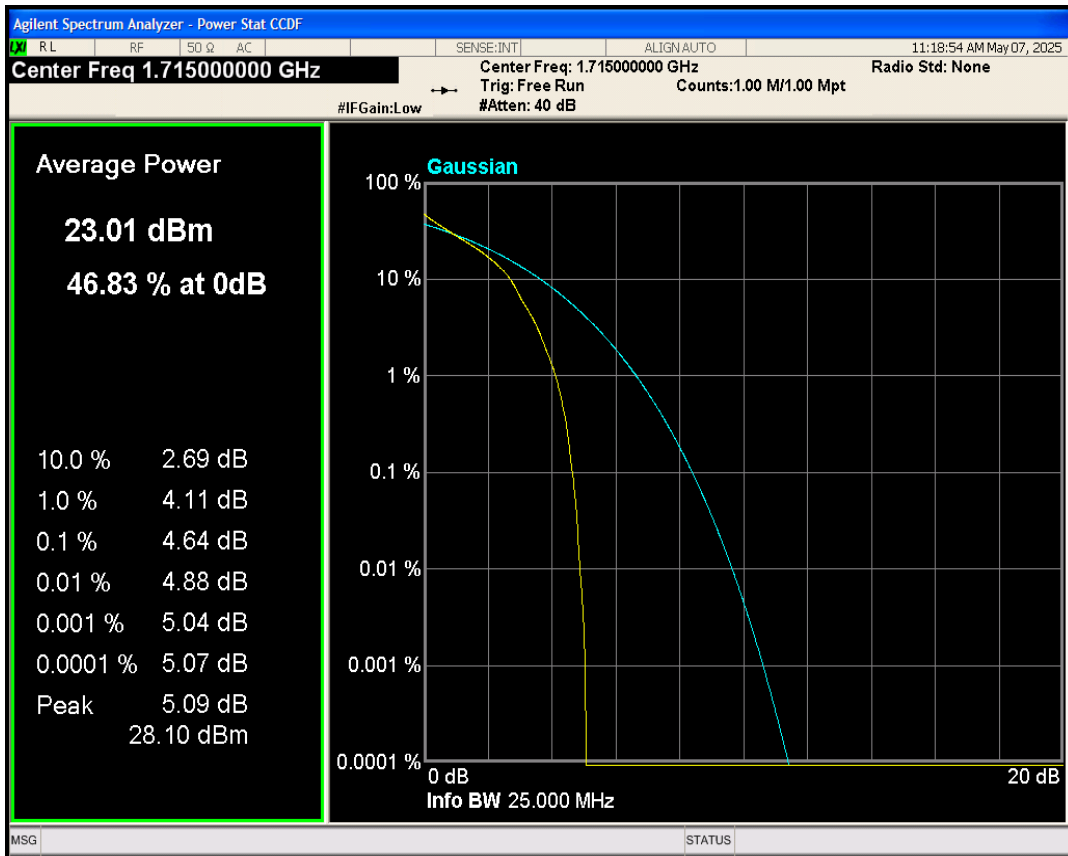


Band66 16QAM BW=5MHz Channel=132647 RB Size=1 Position=#0

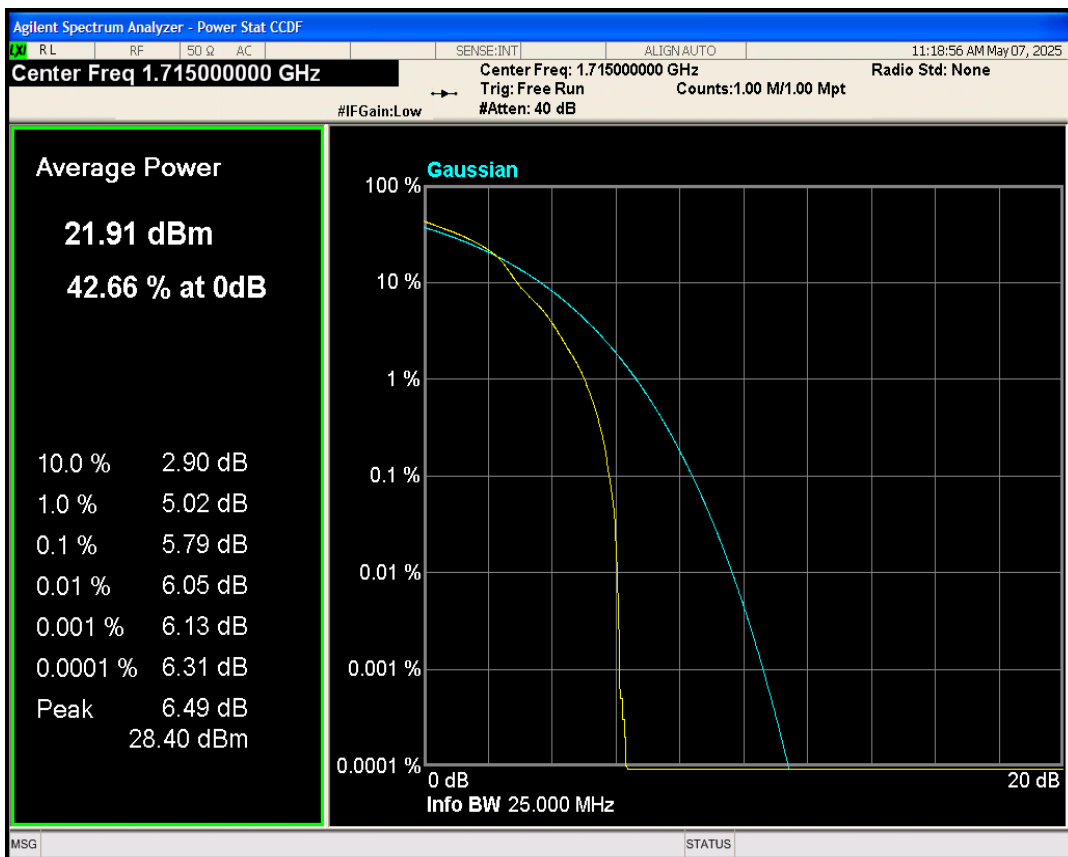




Band66 QPSK BW=10MHz Channel=132022 RB Size=1 Position=#0

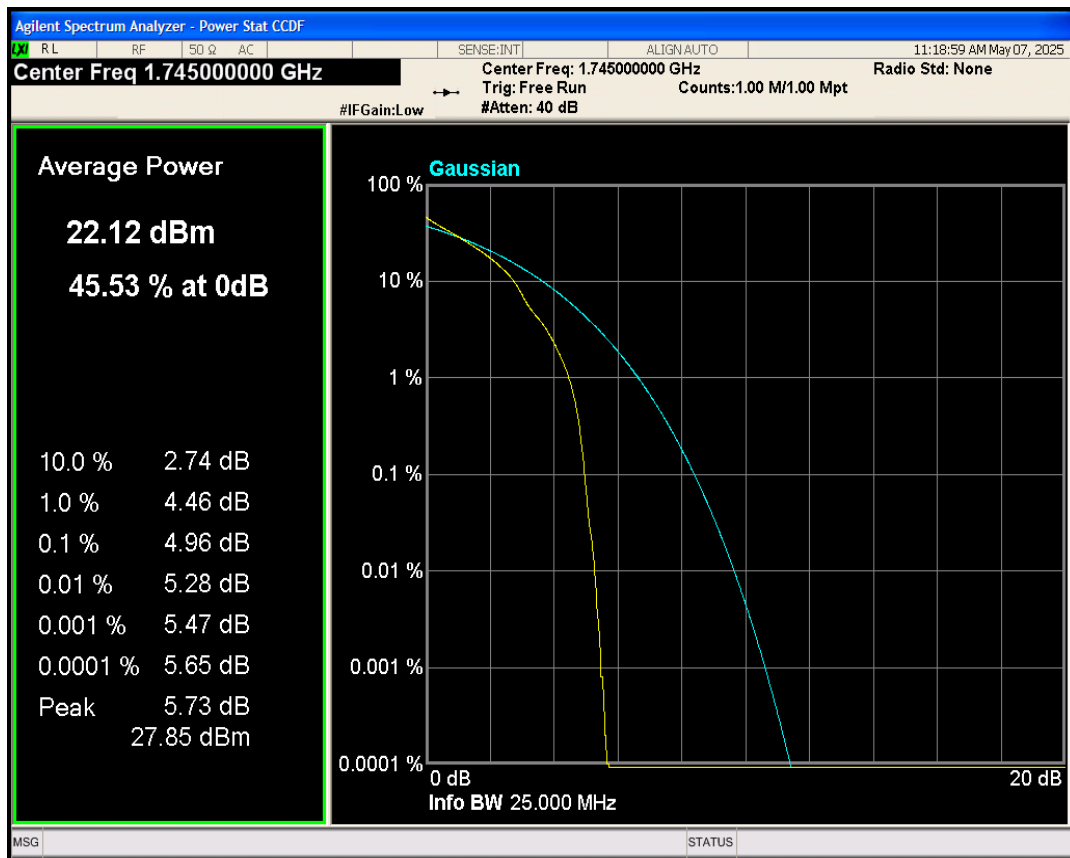


Band66 16QAM BW=10MHz Channel=132022 RB Size=1 Position=#0

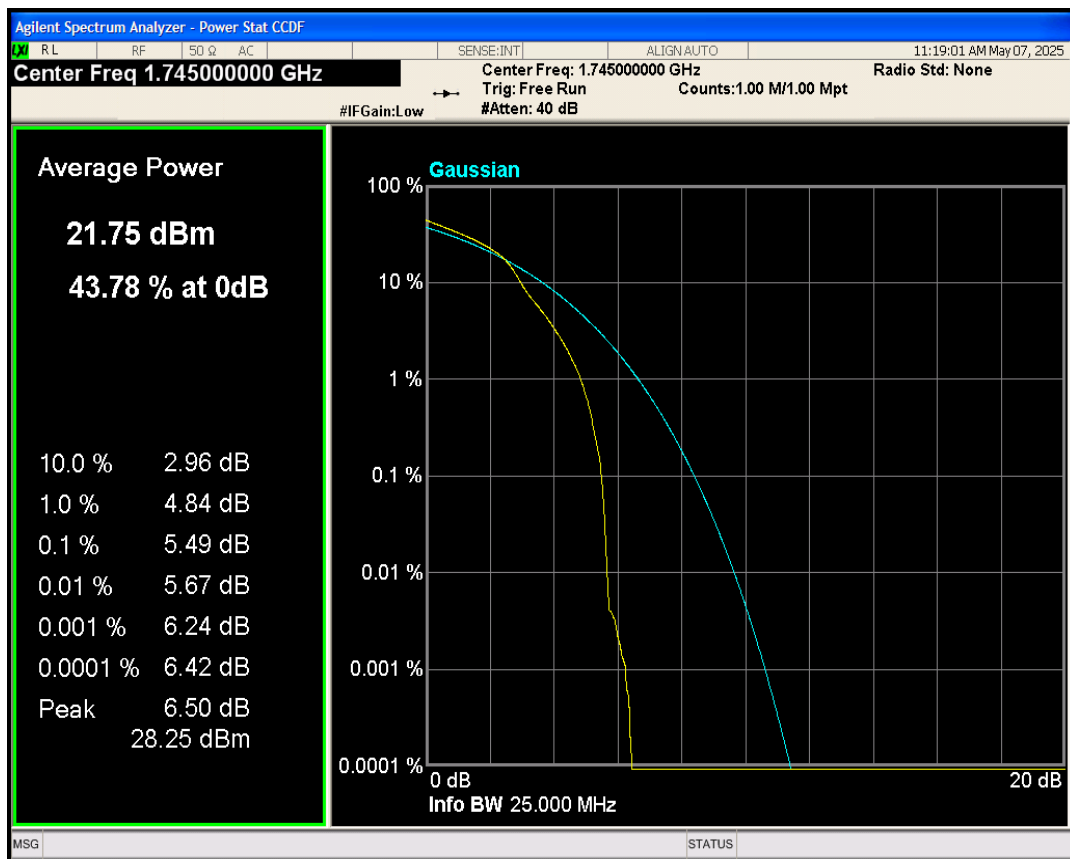




Band66 QPSK BW=10MHz Channel=132322 RB Size=1 Position=#0

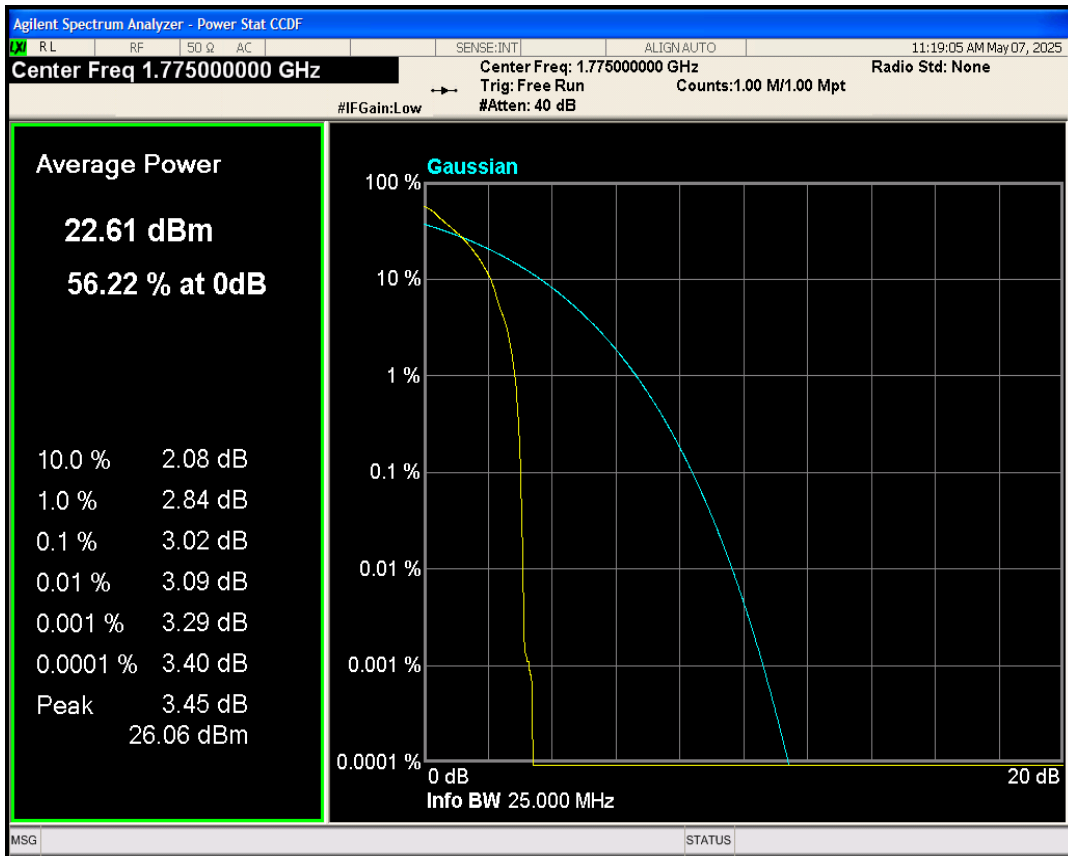


Band66 16QAM BW=10MHz Channel=132322 RB Size=1 Position=#0

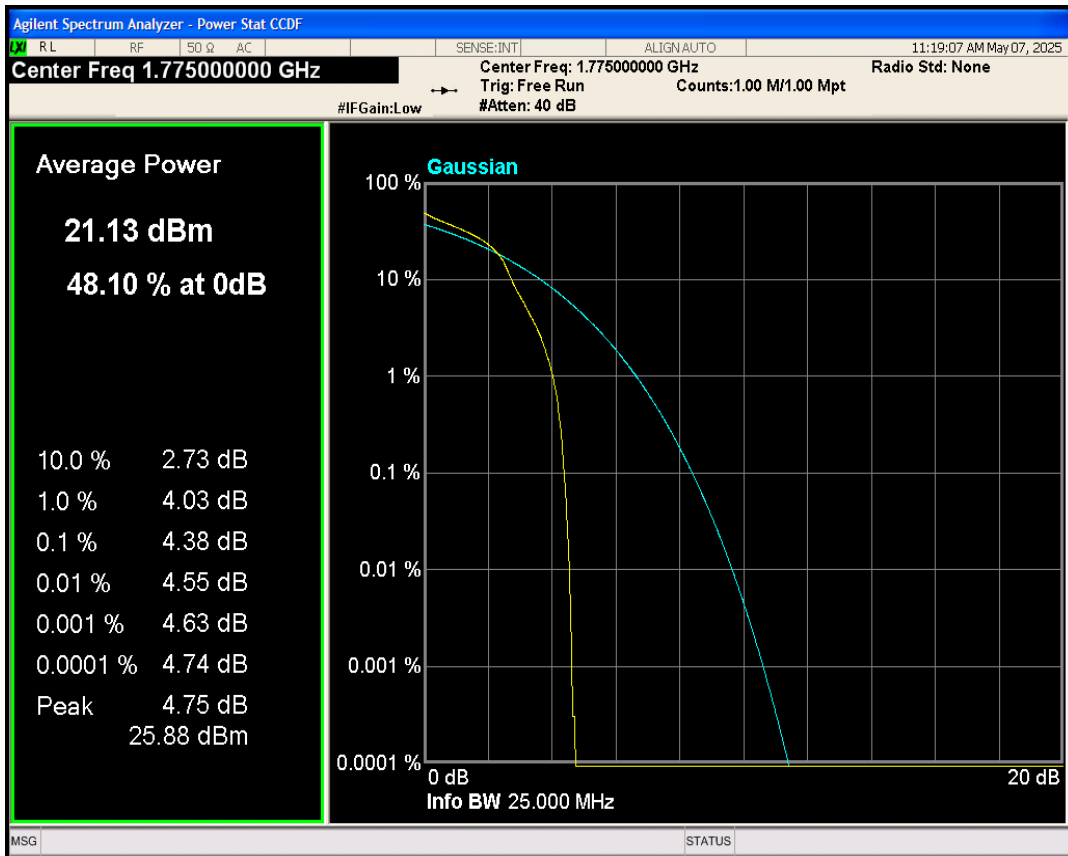




Band66 QPSK BW=10MHz Channel=132622 RB Size=1 Position=#0

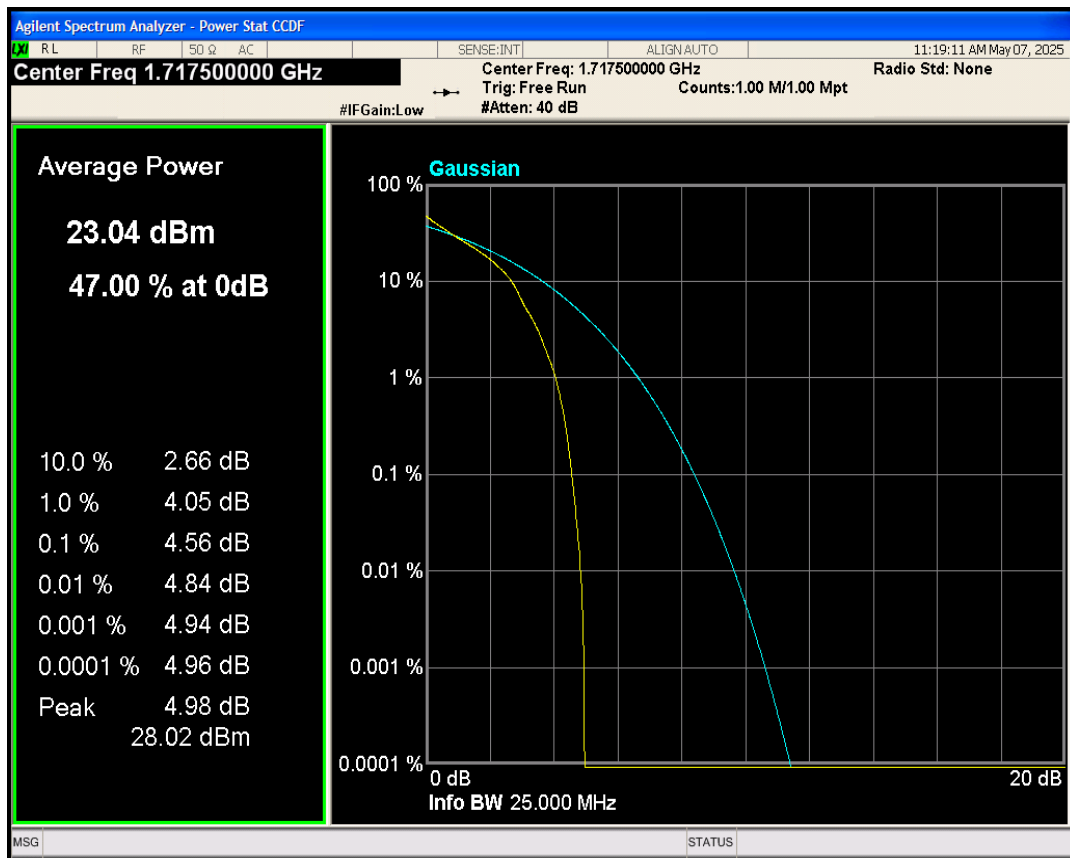


Band66 16QAM BW=10MHz Channel=132622 RB Size=1 Position=#0

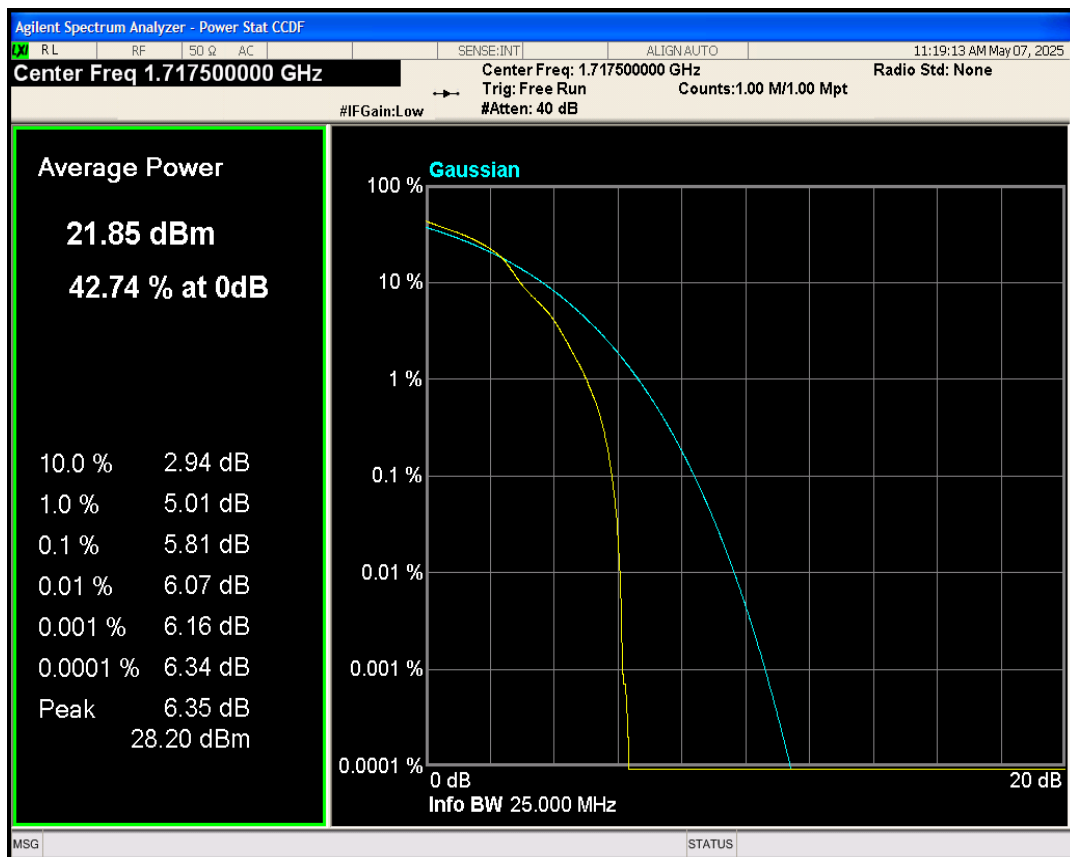




Band66 QPSK BW=15MHz Channel=132047 RB Size=1 Position=#0

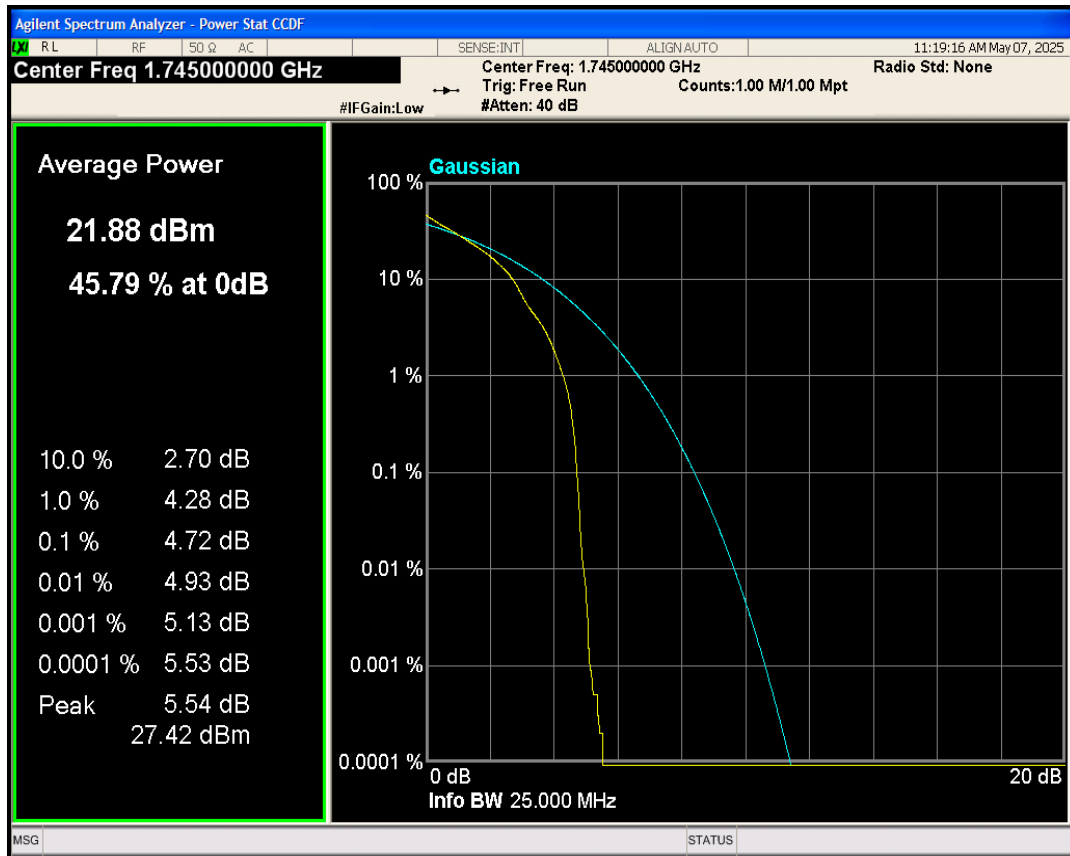


Band66 16QAM BW=15MHz Channel=132047 RB Size=1 Position=#0

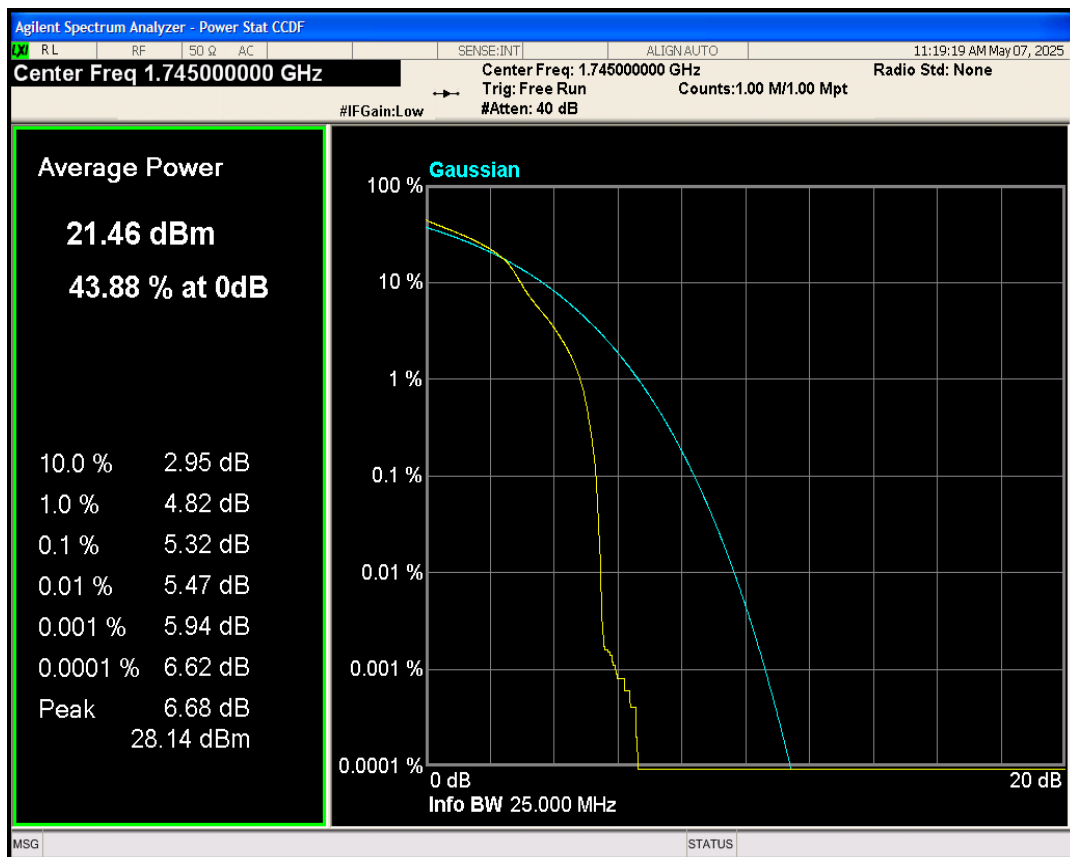




Band66 QPSK BW=15MHz Channel=132322 RB Size=1 Position=#0

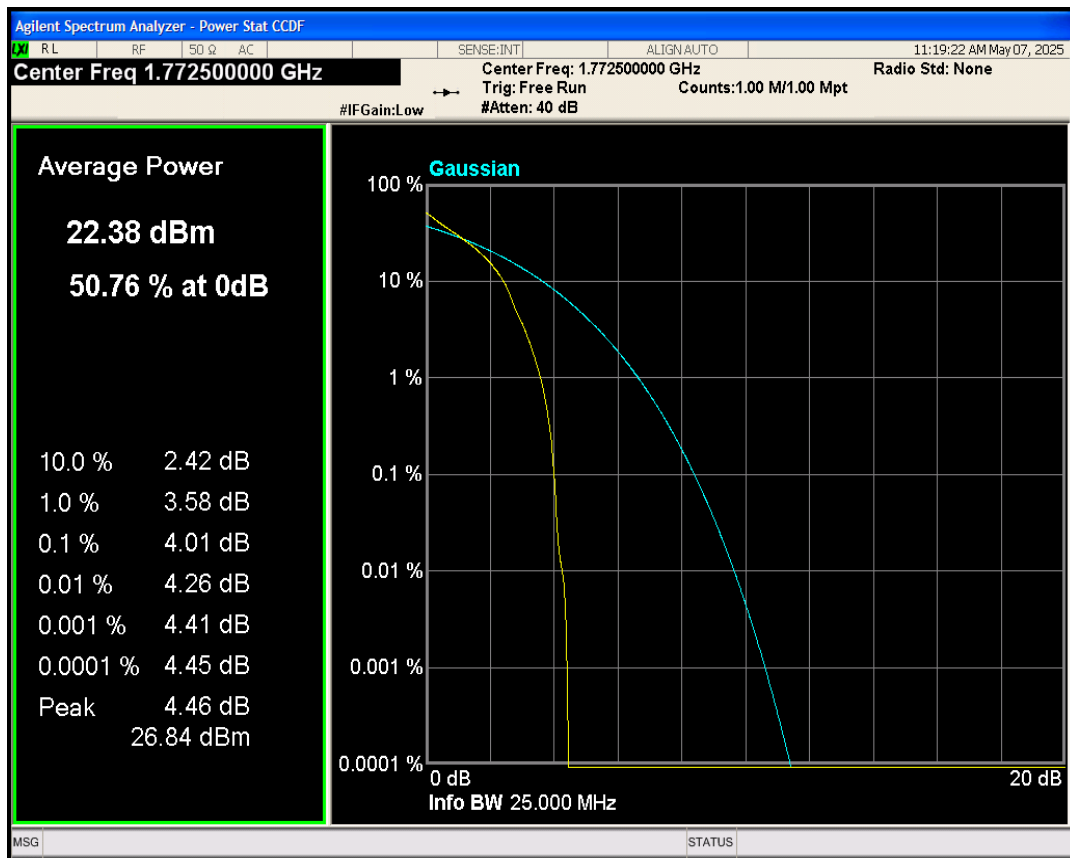


Band66 16QAM BW=15MHz Channel=132322 RB Size=1 Position=#0

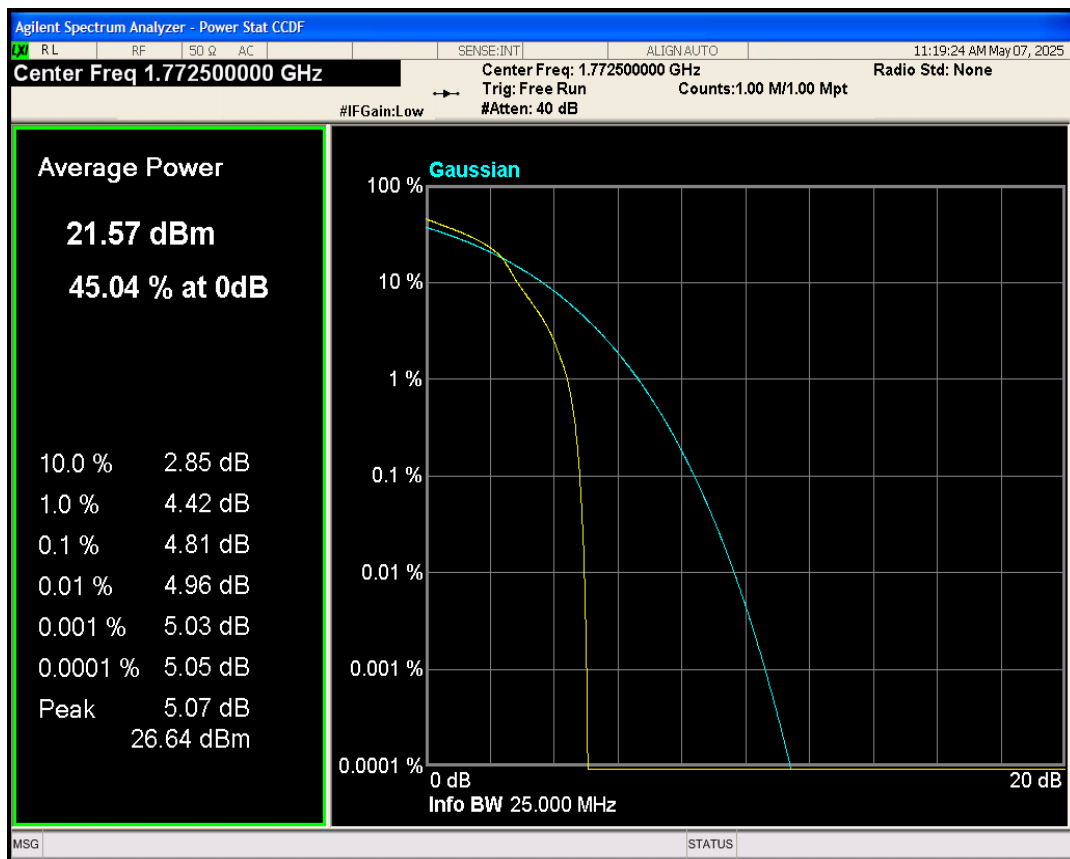




Band66 QPSK BW=15MHz Channel=132597 RB Size=1 Position=#0

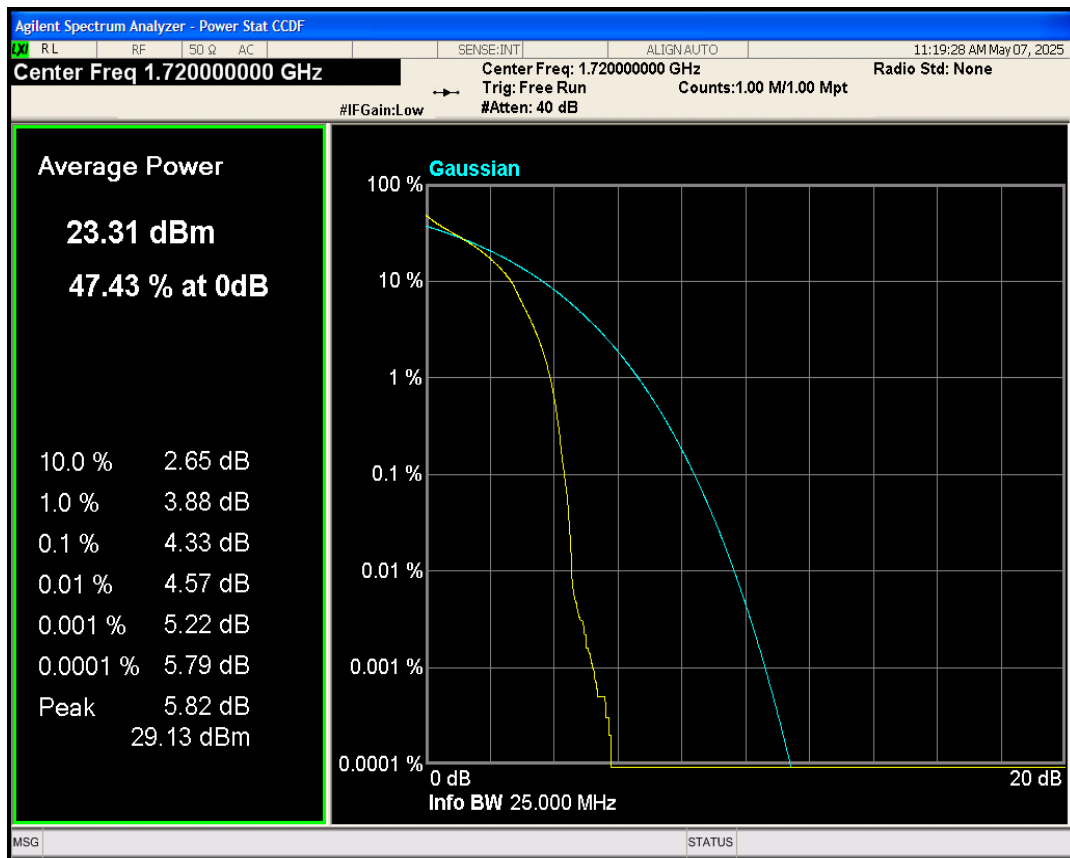


Band66 16QAM BW=15MHz Channel=132597 RB Size=1 Position=#0

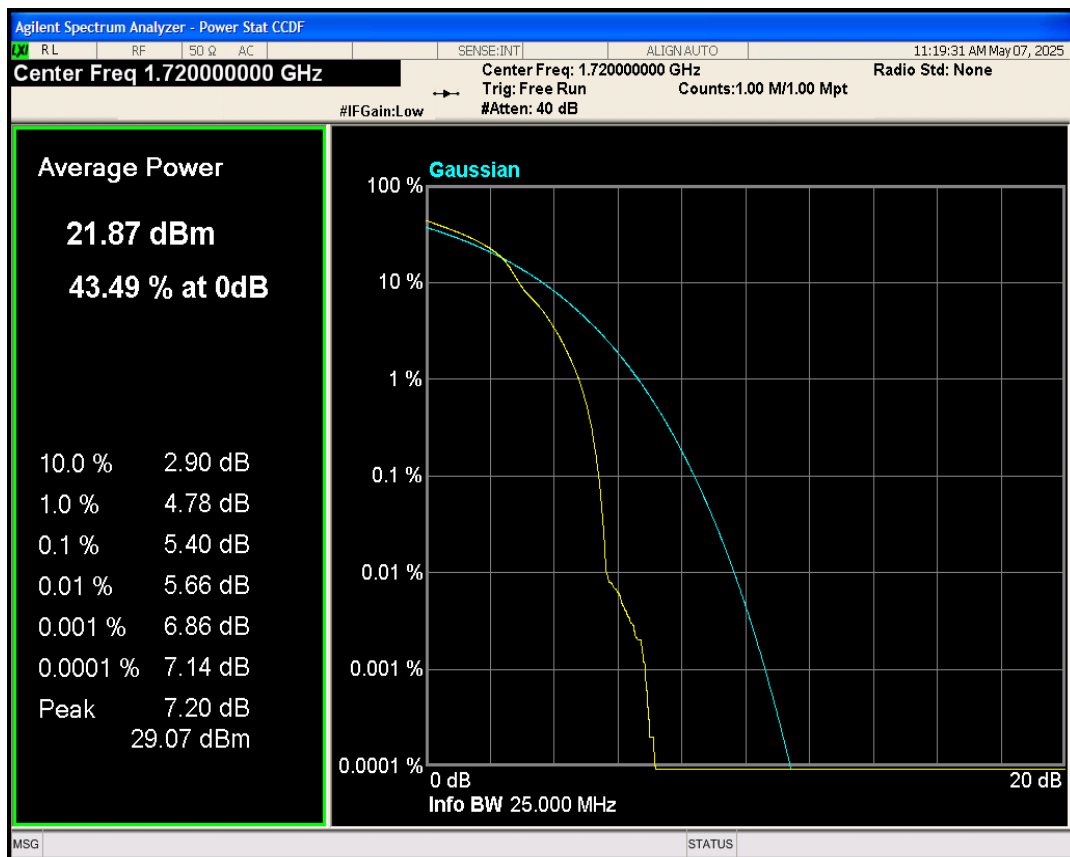




Band66 QPSK BW=20MHz Channel=132072 RB Size=1 Position=#0

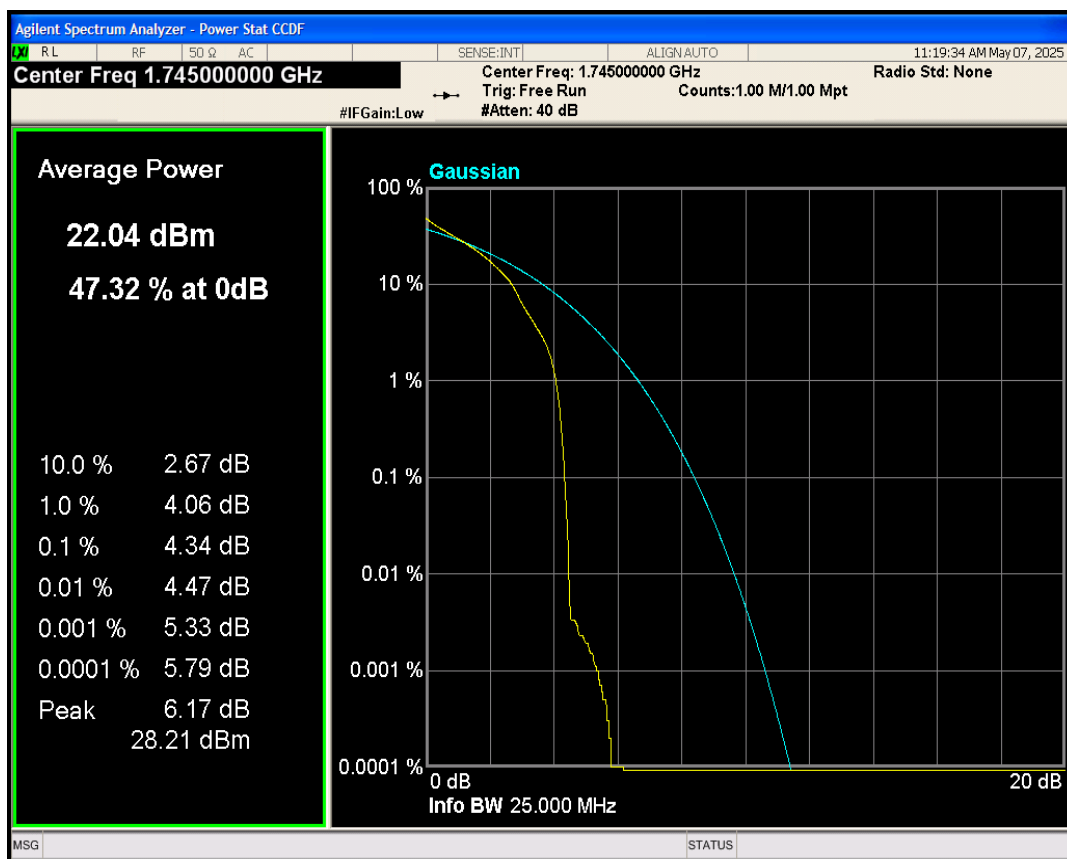


Band66 16QAM BW=20MHz Channel=132072 RB Size=1 Position=#0

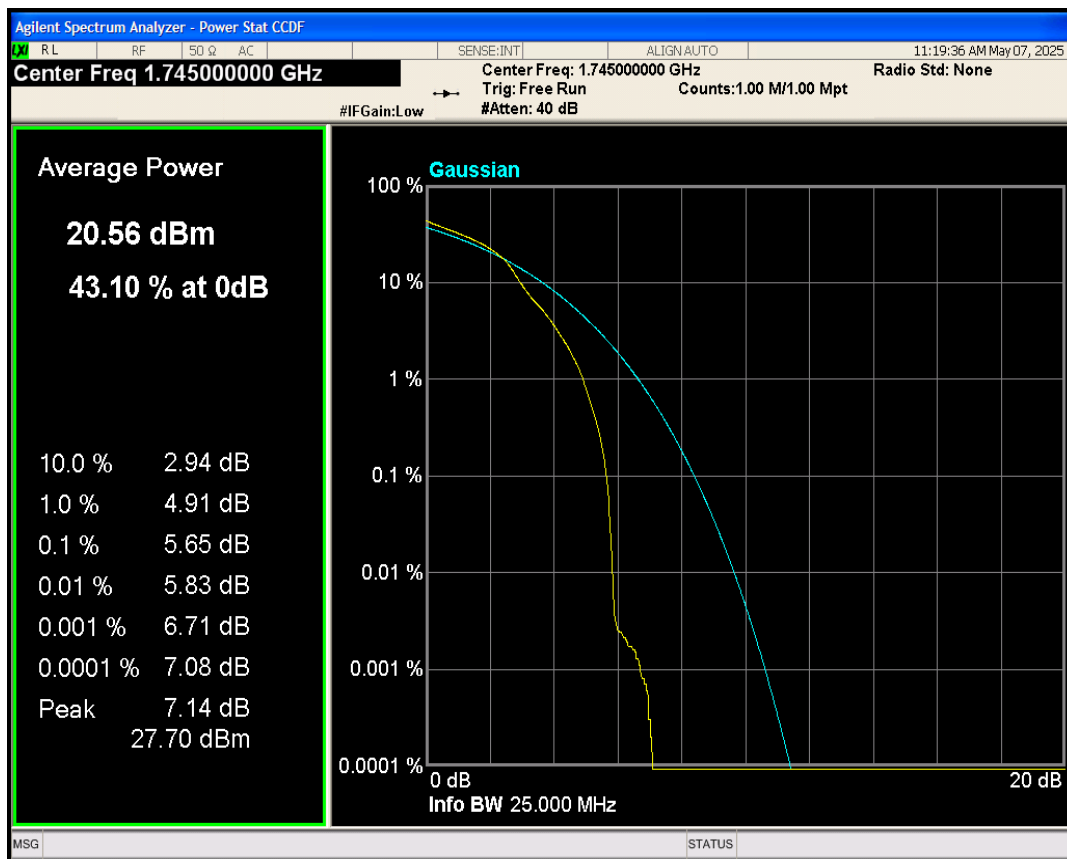




Band66 QPSK BW=20MHz Channel=132322 RB Size=1 Position=#0

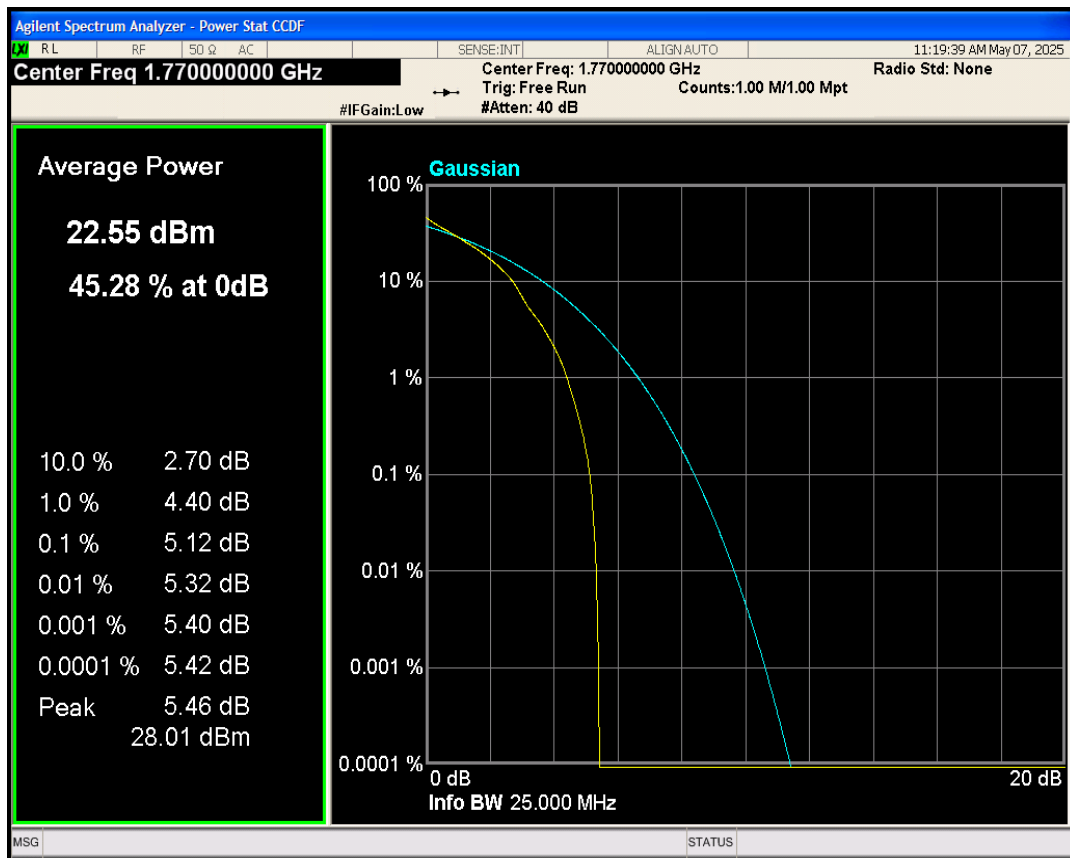


Band66 16QAM BW=20MHz Channel=132322 RB Size=1 Position=#0

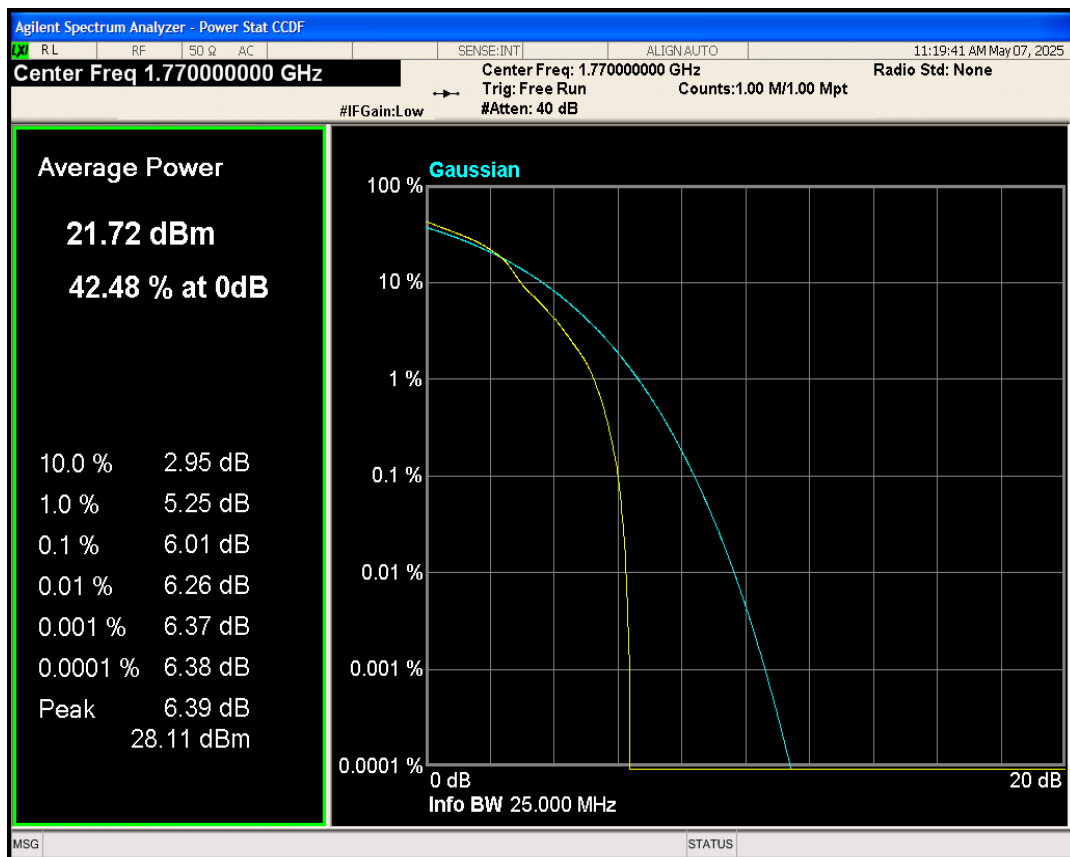




Band66 QPSK BW=20MHz Channel=132572 RB Size=1 Position=#0



Band66 16QAM BW=20MHz Channel=132572 RB Size=1 Position=#0

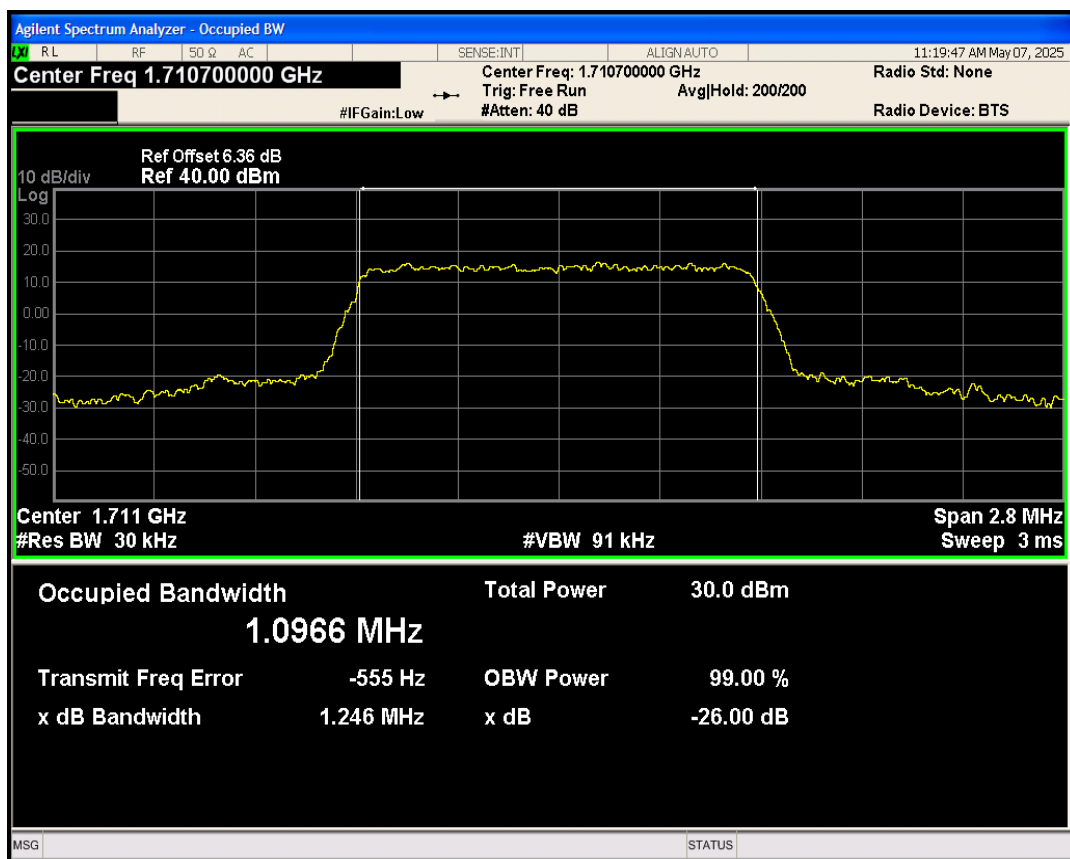


Appendix 4. Occupied bandwidth

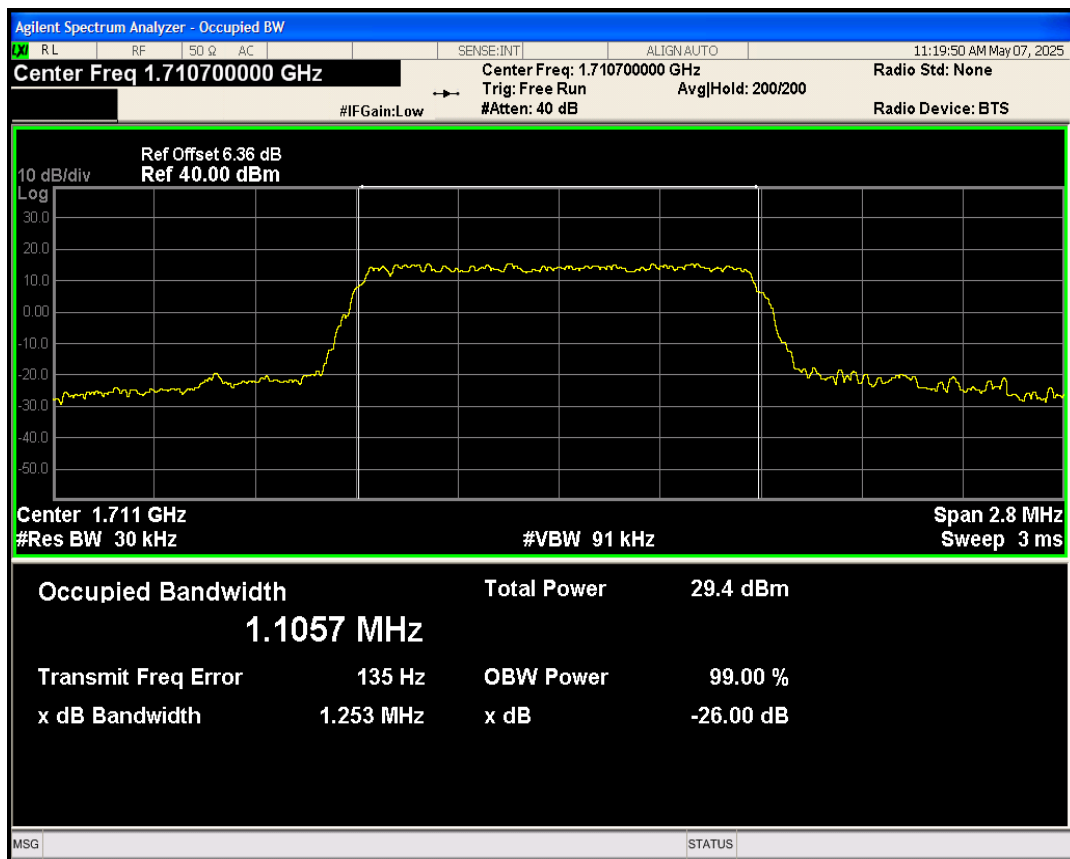
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band66	1.4	131979	6	#0	QPSK	1.097	1.246	PASS
Band66	1.4	131979	6	#0	16QAM	1.106	1.253	PASS
Band66	1.4	132322	6	#0	QPSK	1.095	1.249	PASS
Band66	1.4	132322	6	#0	16QAM	1.098	1.246	PASS
Band66	1.4	132665	6	#0	QPSK	1.102	1.245	PASS
Band66	1.4	132665	6	#0	16QAM	1.103	1.258	PASS
Band66	3	131987	15	#0	QPSK	2.708	3.053	PASS
Band66	3	131987	15	#0	16QAM	2.701	3.040	PASS
Band66	3	132322	15	#0	QPSK	2.713	3.064	PASS
Band66	3	132322	15	#0	16QAM	2.711	3.049	PASS
Band66	3	132657	15	#0	QPSK	2.715	3.018	PASS
Band66	3	132657	15	#0	16QAM	2.711	3.056	PASS
Band66	5	131997	25	#0	QPSK	4.522	4.950	PASS
Band66	5	131997	25	#0	16QAM	4.505	4.909	PASS
Band66	5	132322	25	#0	QPSK	4.524	4.959	PASS
Band66	5	132322	25	#0	16QAM	4.503	4.997	PASS
Band66	5	132647	25	#0	QPSK	4.516	4.957	PASS
Band66	5	132647	25	#0	16QAM	4.506	5.011	PASS
Band66	10	132022	50	#0	QPSK	8.970	9.750	PASS
Band66	10	132022	50	#0	16QAM	8.972	9.808	PASS
Band66	10	132322	50	#0	QPSK	8.983	9.797	PASS
Band66	10	132322	50	#0	16QAM	8.996	9.847	PASS
Band66	10	132622	50	#0	QPSK	9.016	9.812	PASS
Band66	10	132622	50	#0	16QAM	8.998	9.940	PASS
Band66	15	132047	75	#0	QPSK	13.450	14.658	PASS
Band66	15	132047	75	#0	16QAM	13.412	14.792	PASS
Band66	15	132322	75	#0	QPSK	13.474	14.742	PASS
Band66	15	132322	75	#0	16QAM	13.517	14.757	PASS
Band66	15	132597	75	#0	QPSK	13.487	14.872	PASS
Band66	15	132597	75	#0	16QAM	13.507	14.734	PASS
Band66	20	132072	100	#0	QPSK	17.945	19.560	PASS
Band66	20	132072	100	#0	16QAM	17.919	19.642	PASS
Band66	20	132322	100	#0	QPSK	18.018	19.701	PASS
Band66	20	132322	100	#0	16QAM	18.006	19.641	PASS
Band66	20	132572	100	#0	QPSK	18.008	19.749	PASS
Band66	20	132572	100	#0	16QAM	18.019	19.363	PASS



Band66 QPSK BW=1.4MHz Channel=131979 RB Size=6 Position=#0

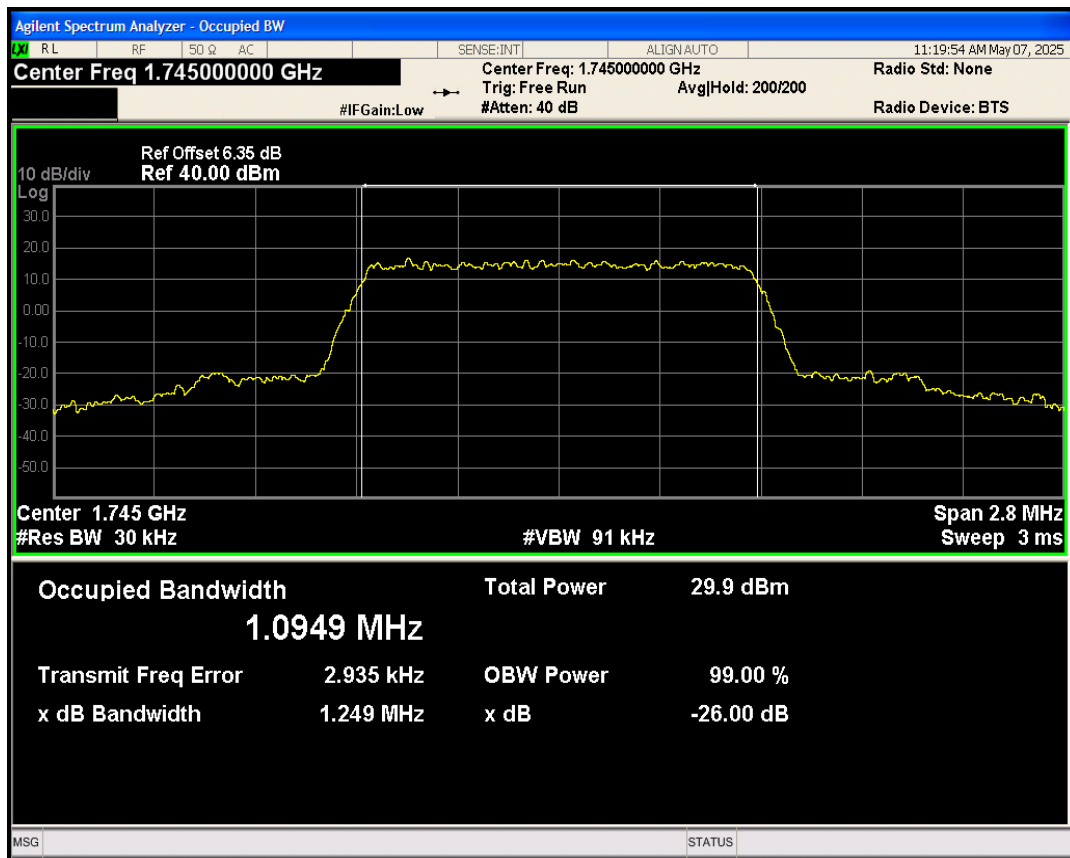


Band66 16QAM BW=1.4MHz Channel=131979 RB Size=6 Position=#0

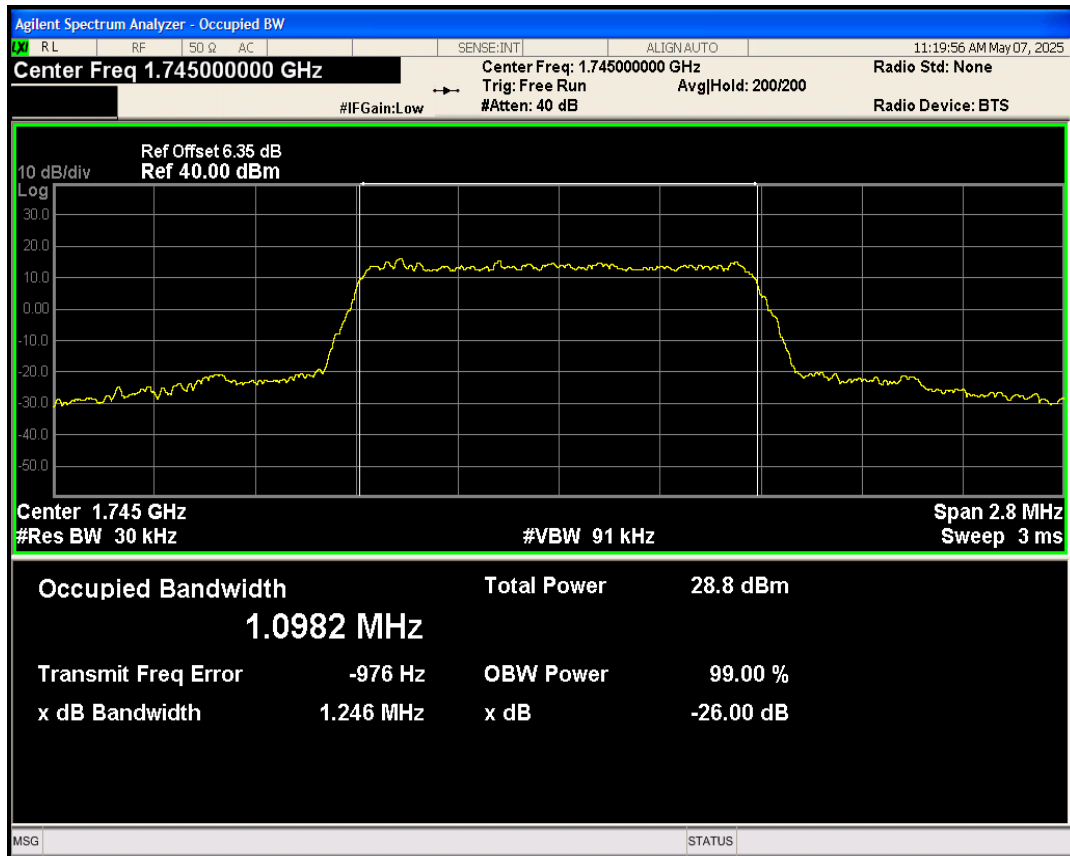




Band66 QPSK BW=1.4MHz Channel=132322 RB Size=6 Position=#0

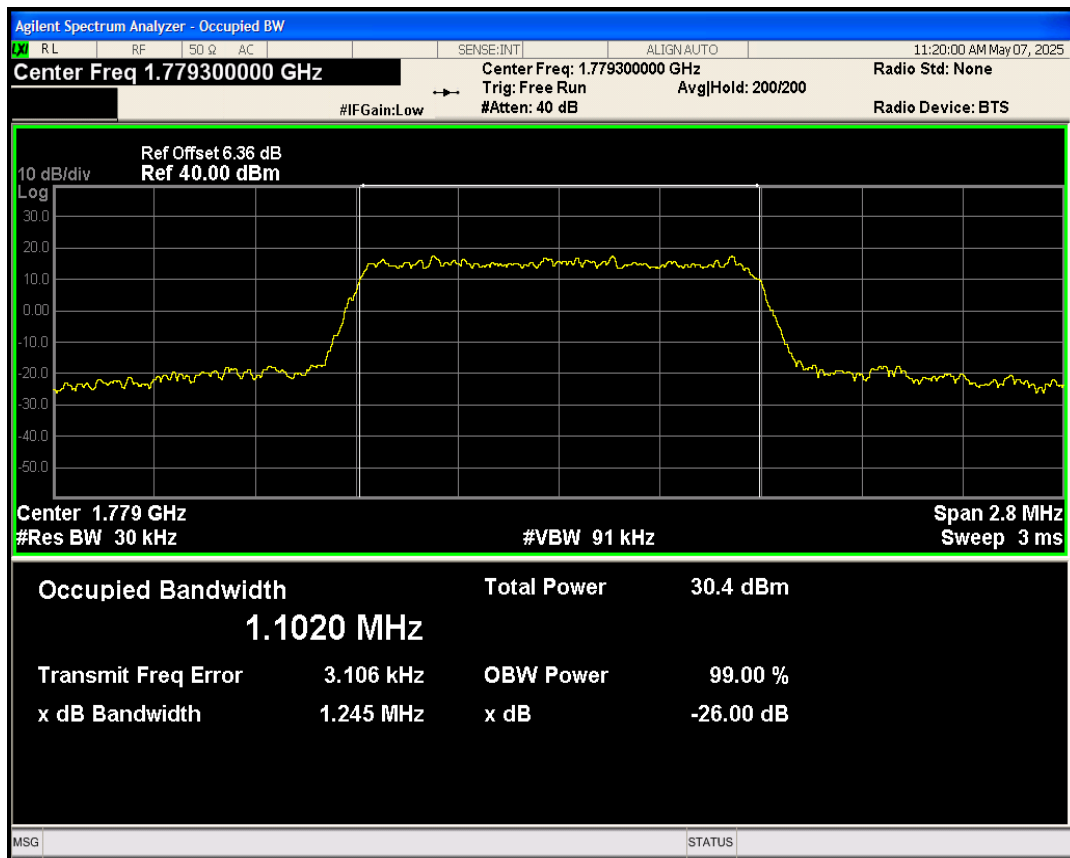


Band66 16QAM BW=1.4MHz Channel=132322 RB Size=6 Position=#0

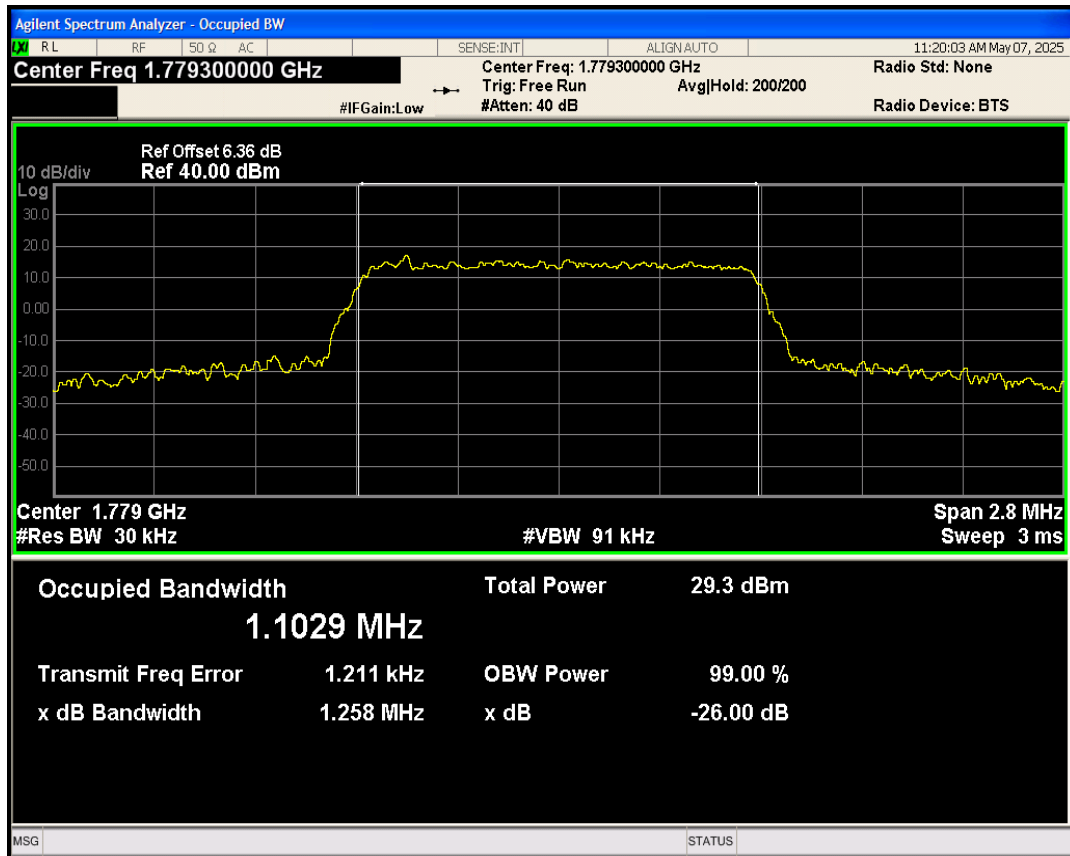




Band66 QPSK BW=1.4MHz Channel=132665 RB Size=6 Position=#0

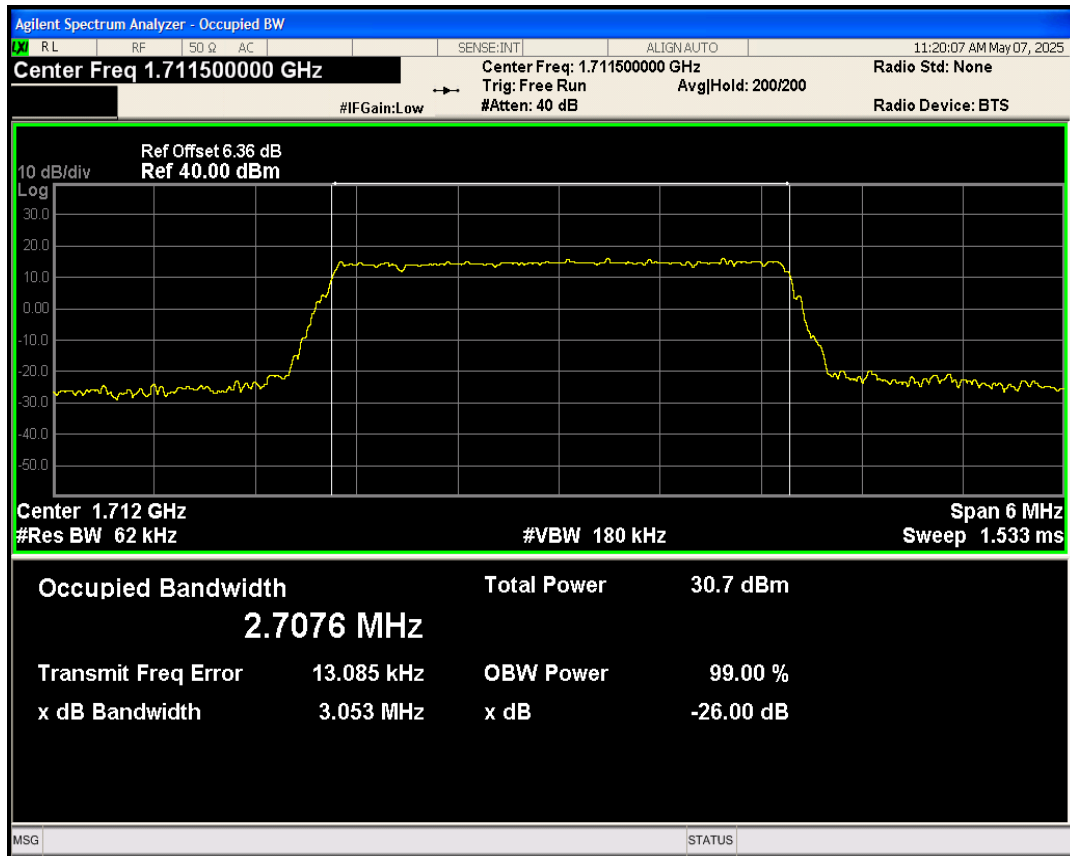


Band66 16QAM BW=1.4MHz Channel=132665 RB Size=6 Position=#0

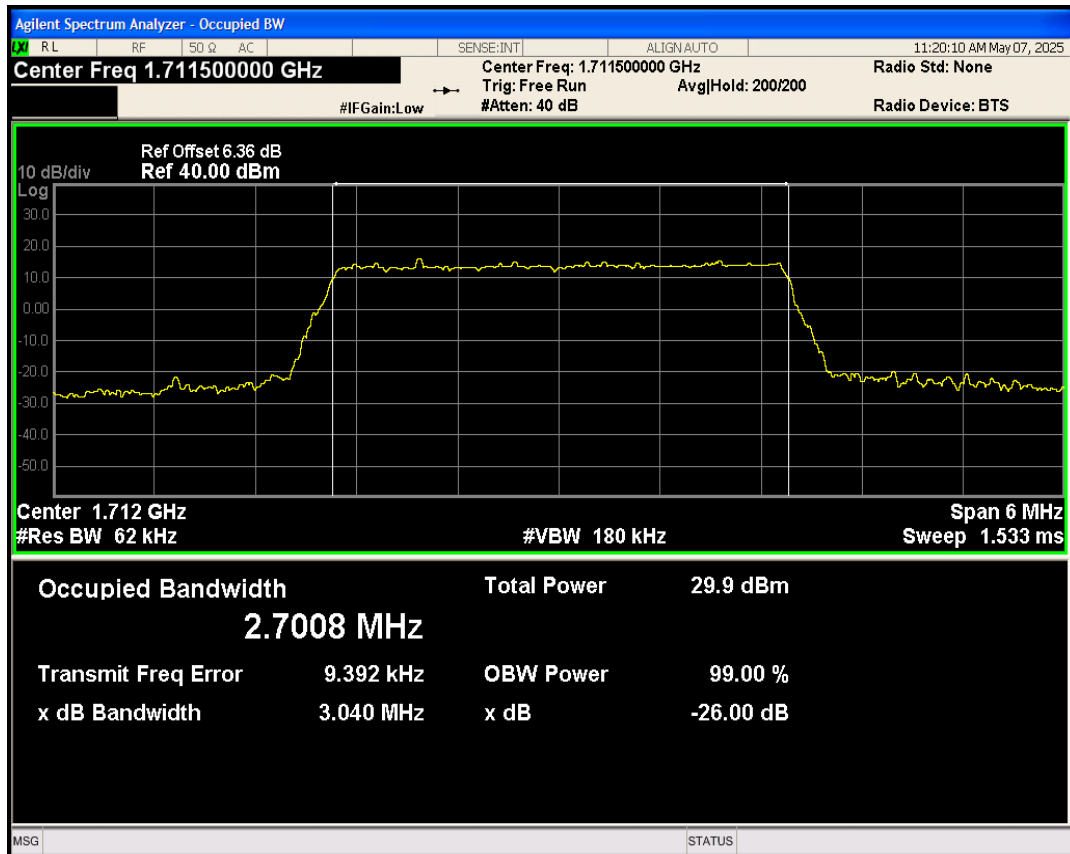




Band66 QPSK BW=3MHz Channel=131987 RB Size=15 Position=#0

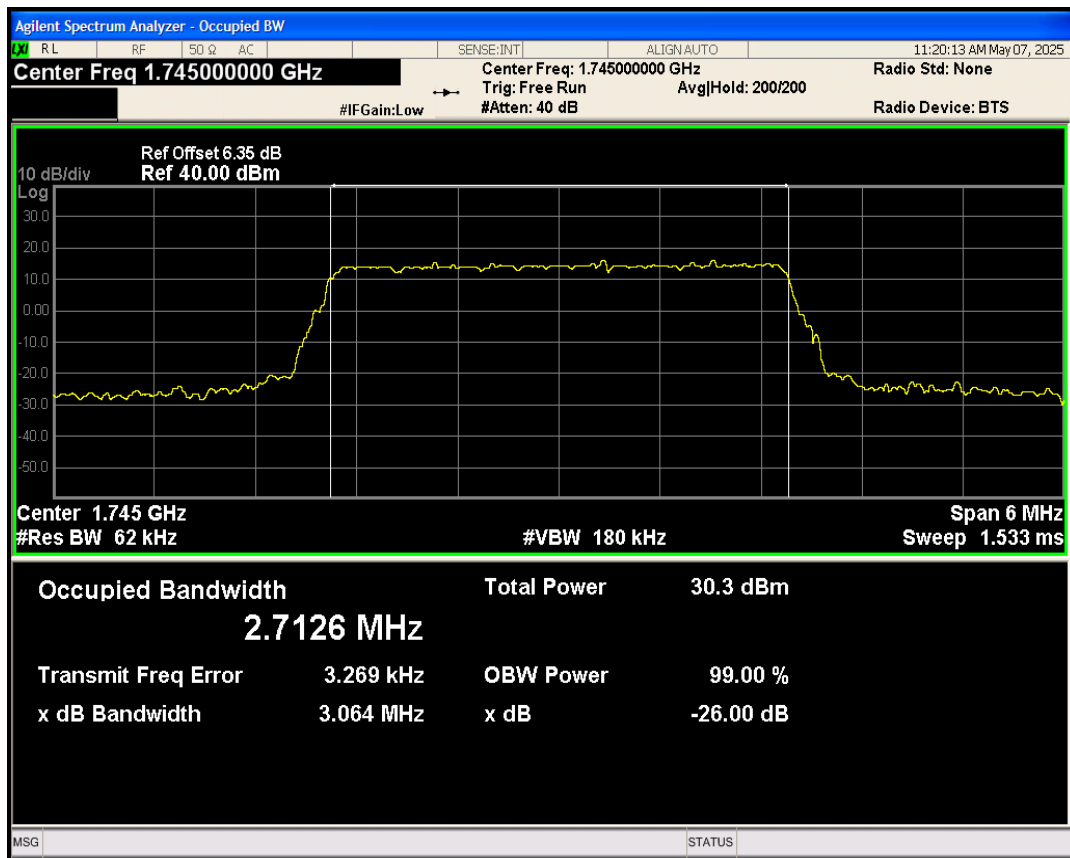


Band66 16QAM BW=3MHz Channel=131987 RB Size=15 Position=#0

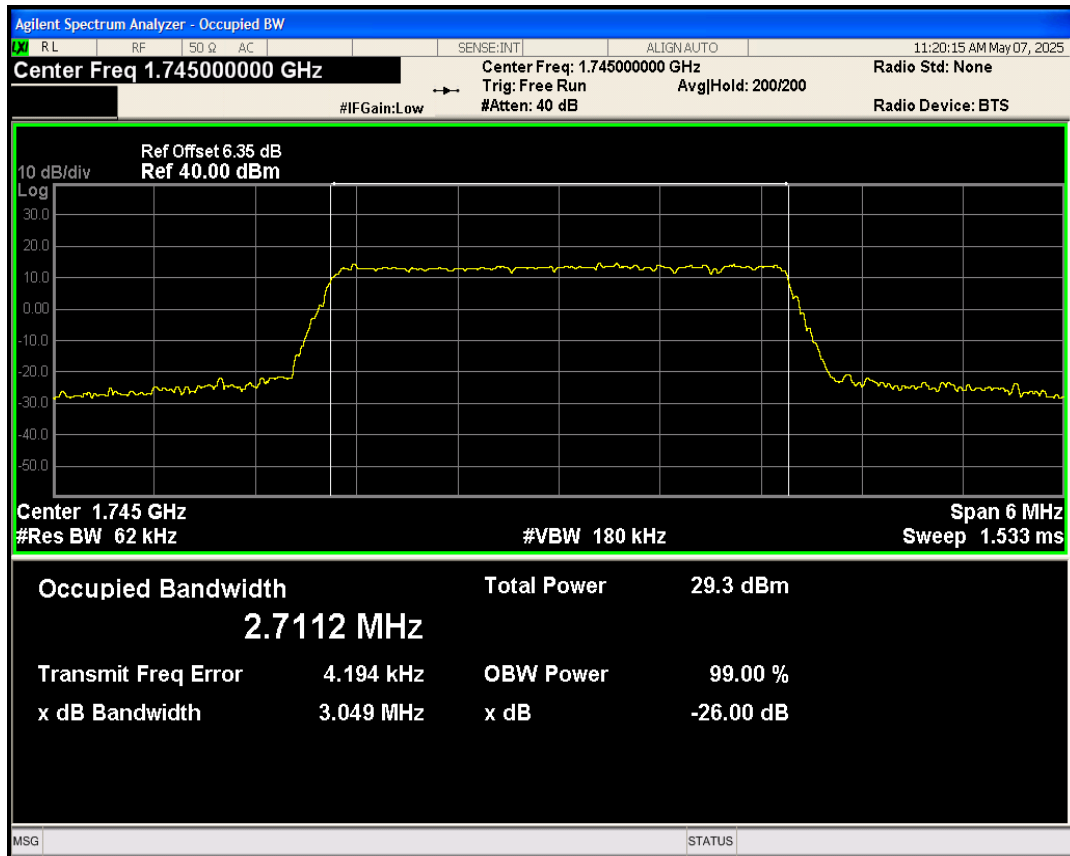




Band66 QPSK BW=3MHz Channel=132322 RB Size=15 Position=#0

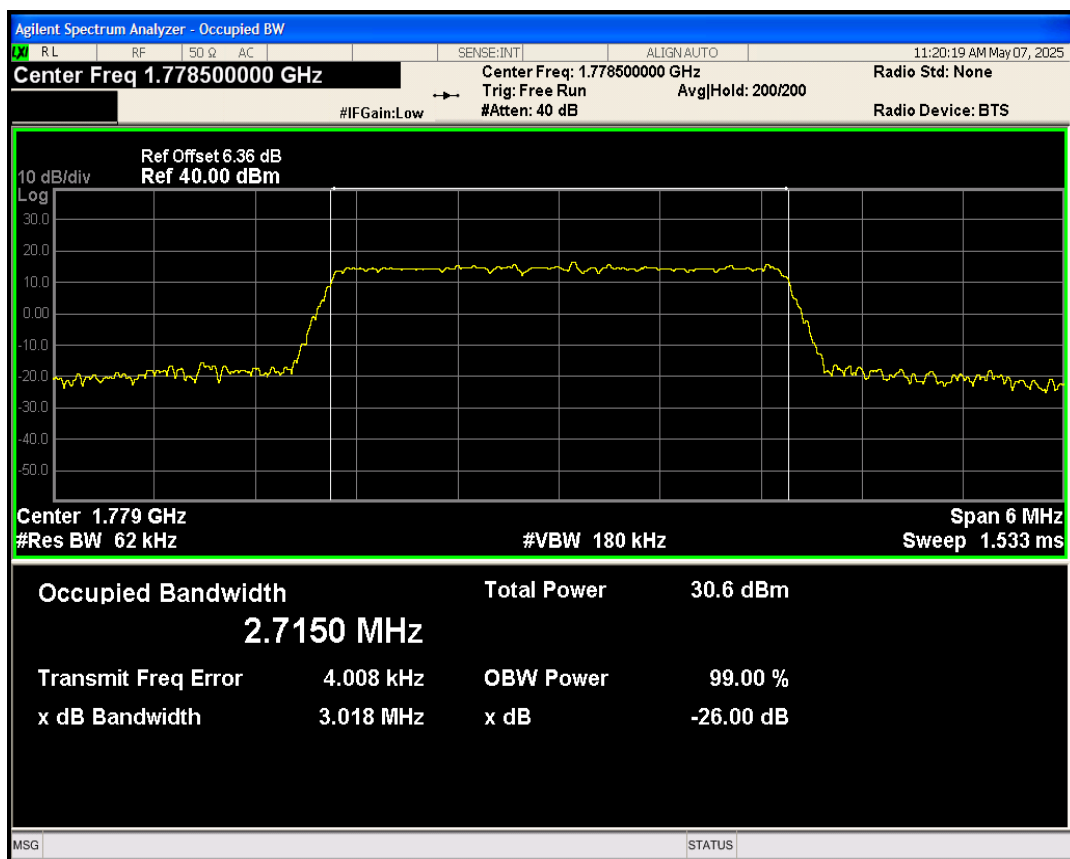


Band66 16QAM BW=3MHz Channel=132322 RB Size=15 Position=#0

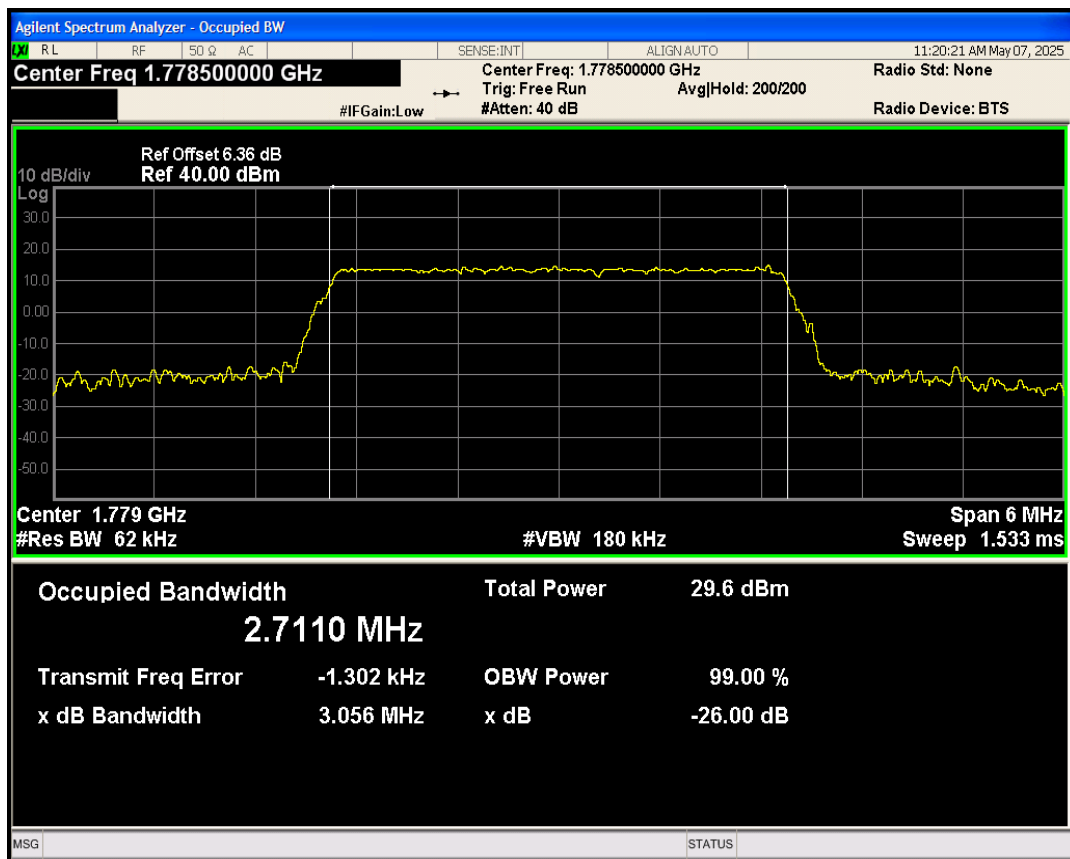




Band66 QPSK BW=3MHz Channel=132657 RB Size=15 Position=#0

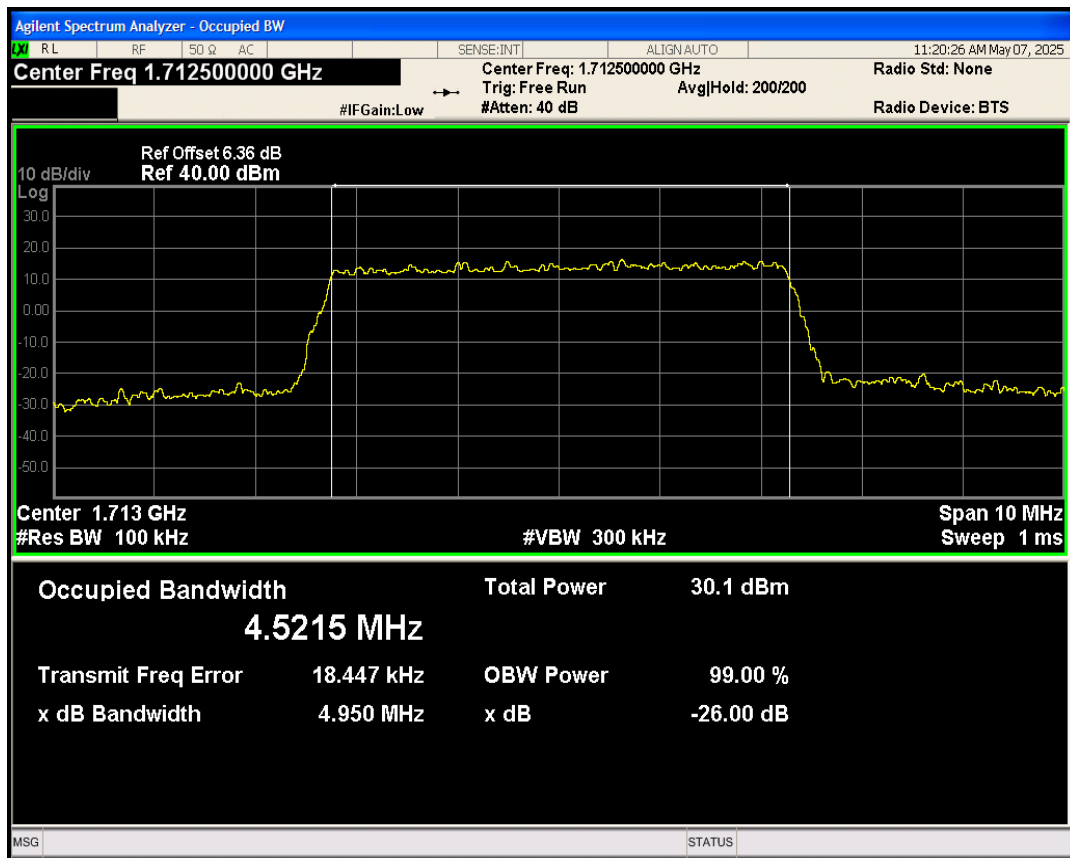


Band66 16QAM BW=3MHz Channel=132657 RB Size=15 Position=#0

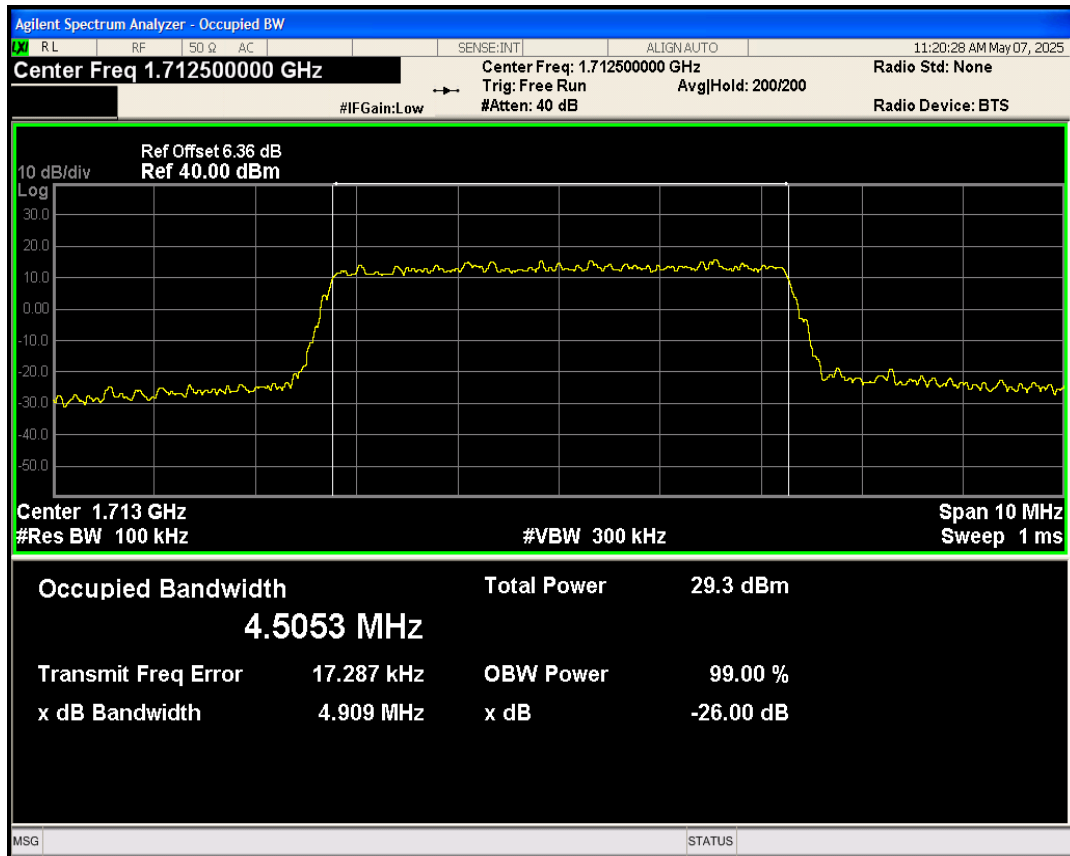




Band66 QPSK BW=5MHz Channel=131997 RB Size=25 Position=#0

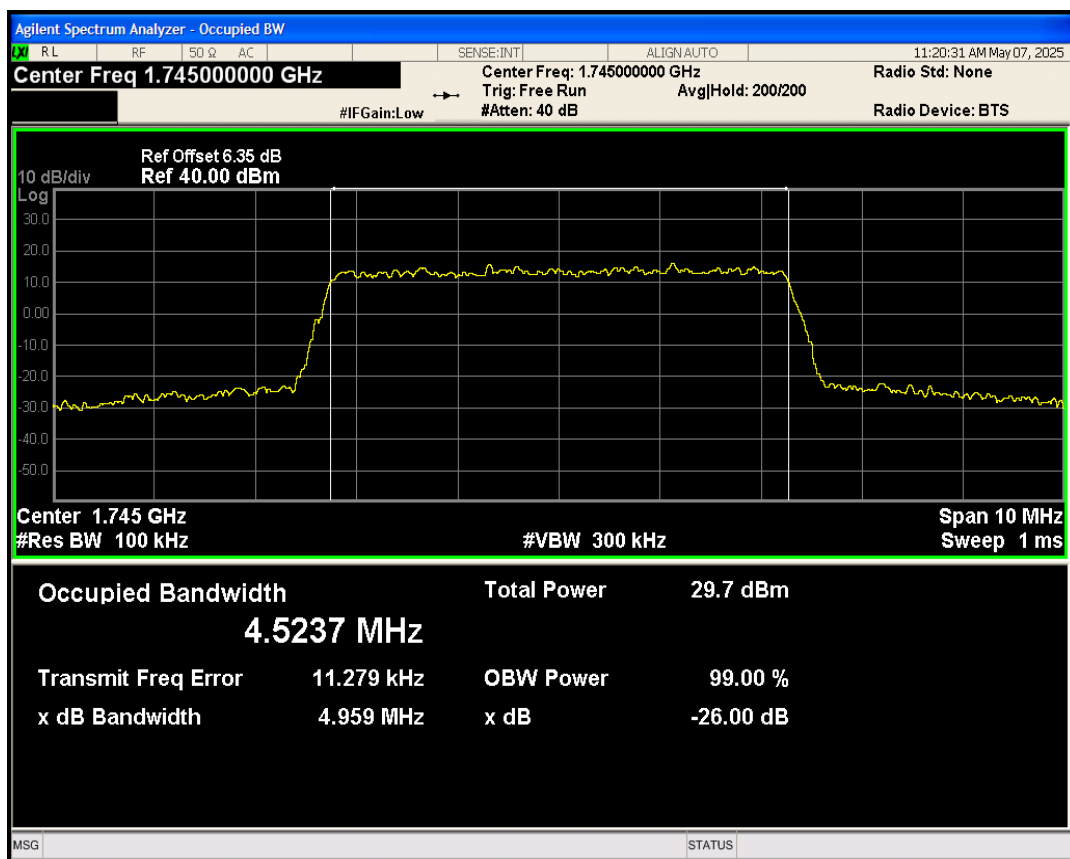


Band66 16QAM BW=5MHz Channel=131997 RB Size=25 Position=#0

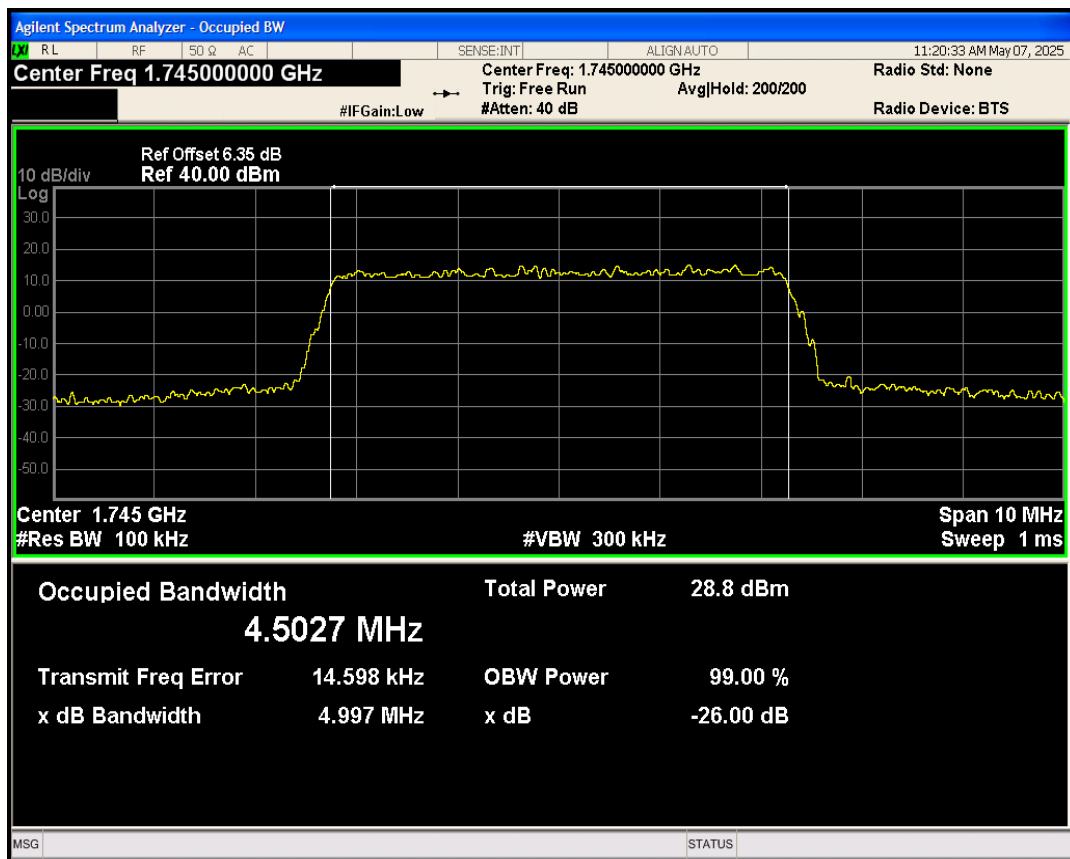




Band66 QPSK BW=5MHz Channel=132322 RB Size=25 Position=#0

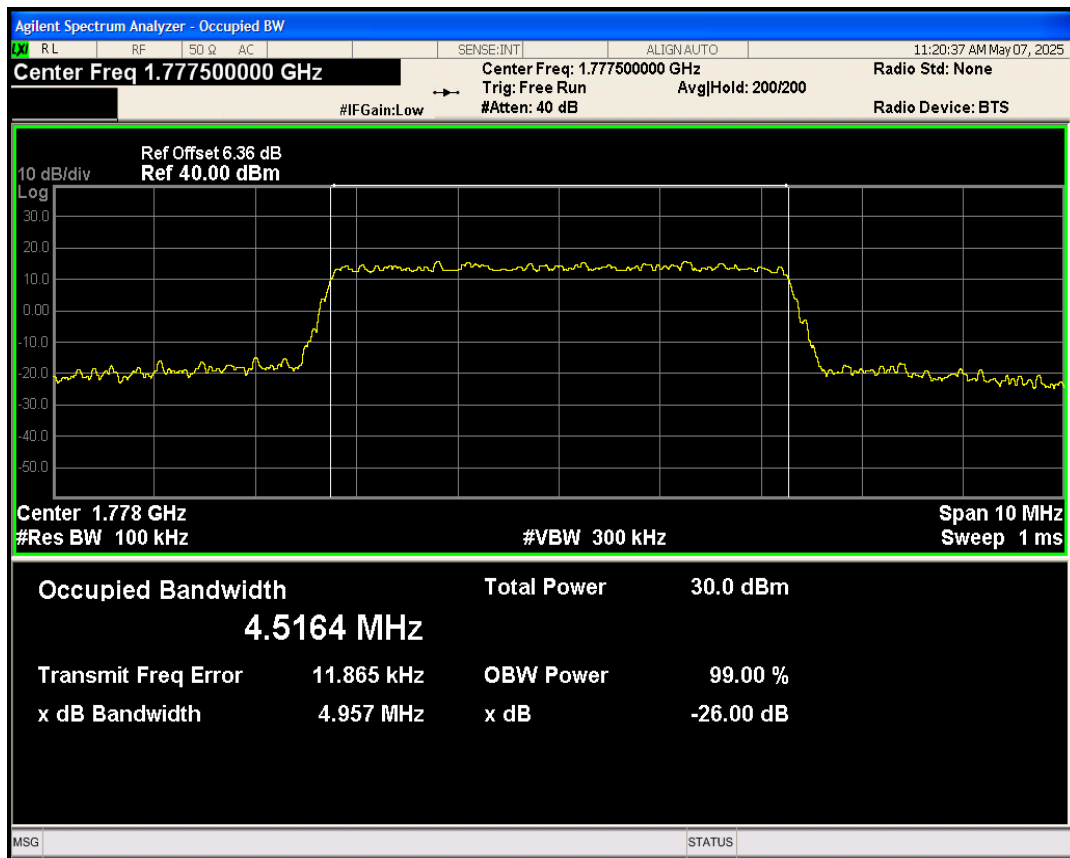


Band66 16QAM BW=5MHz Channel=132322 RB Size=25 Position=#0

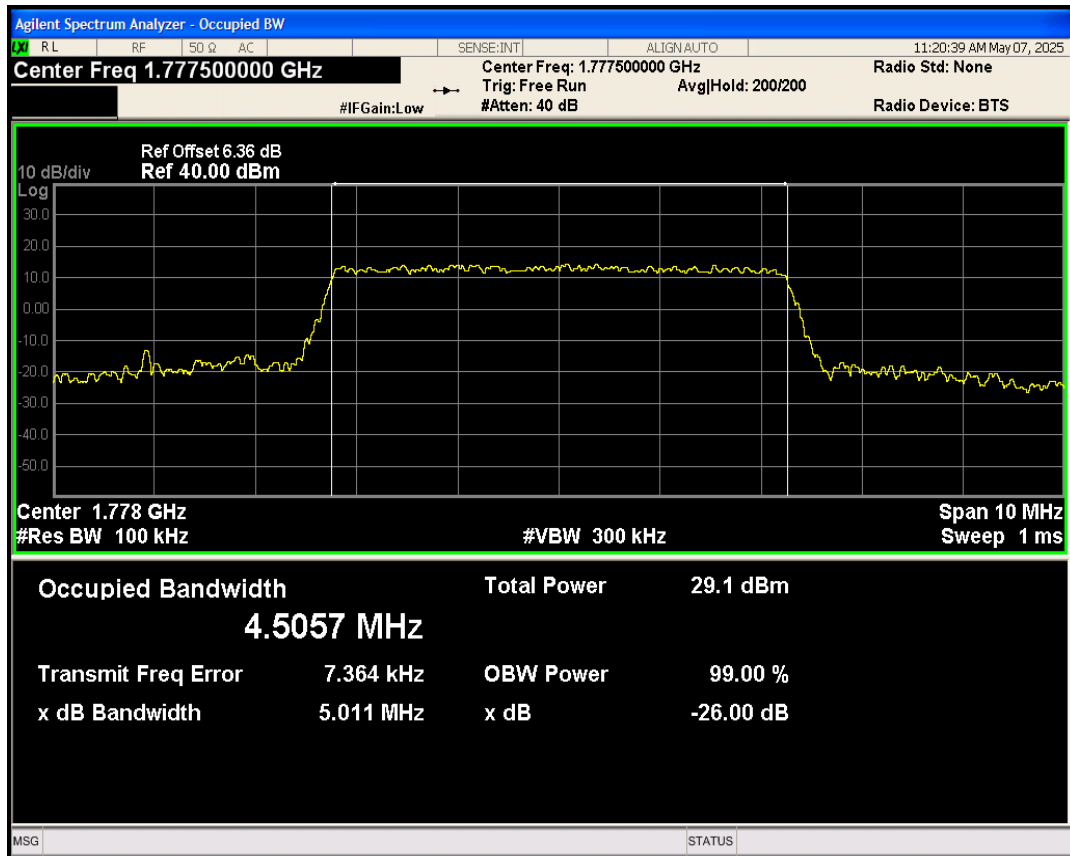




Band66 QPSK BW=5MHz Channel=132647 RB Size=25 Position=#0

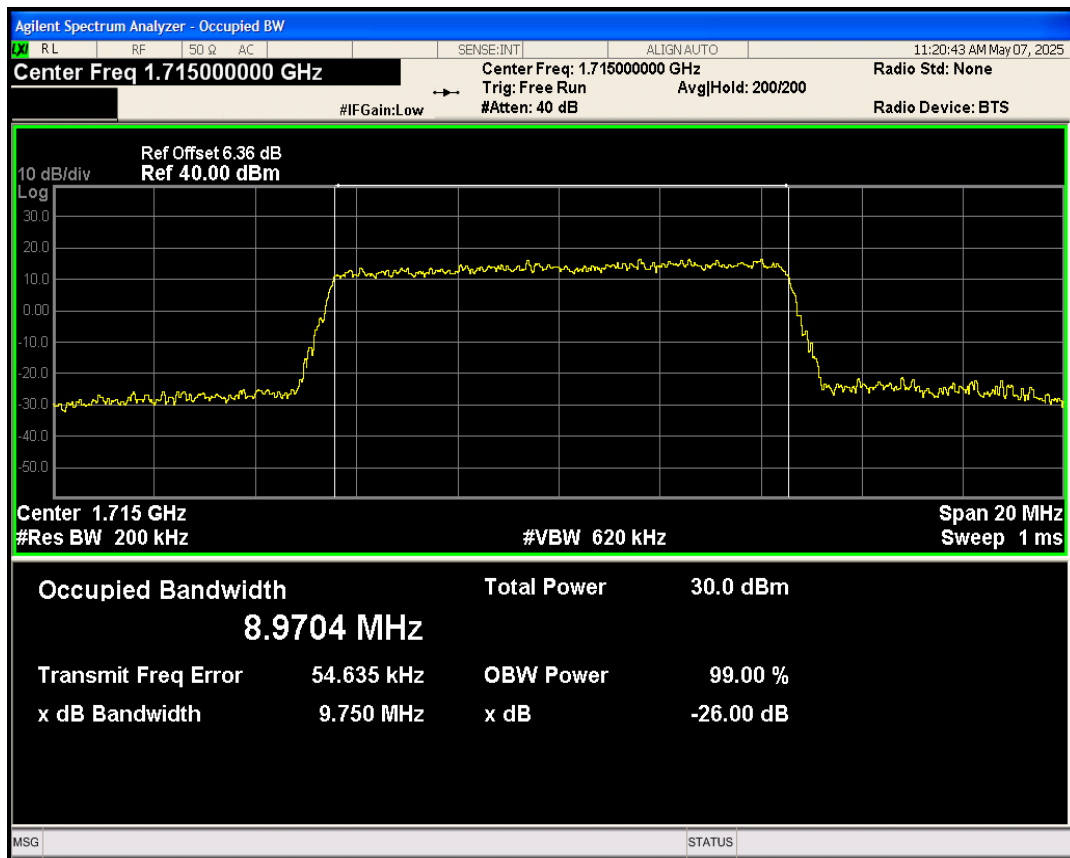


Band66 16QAM BW=5MHz Channel=132647 RB Size=25 Position=#0

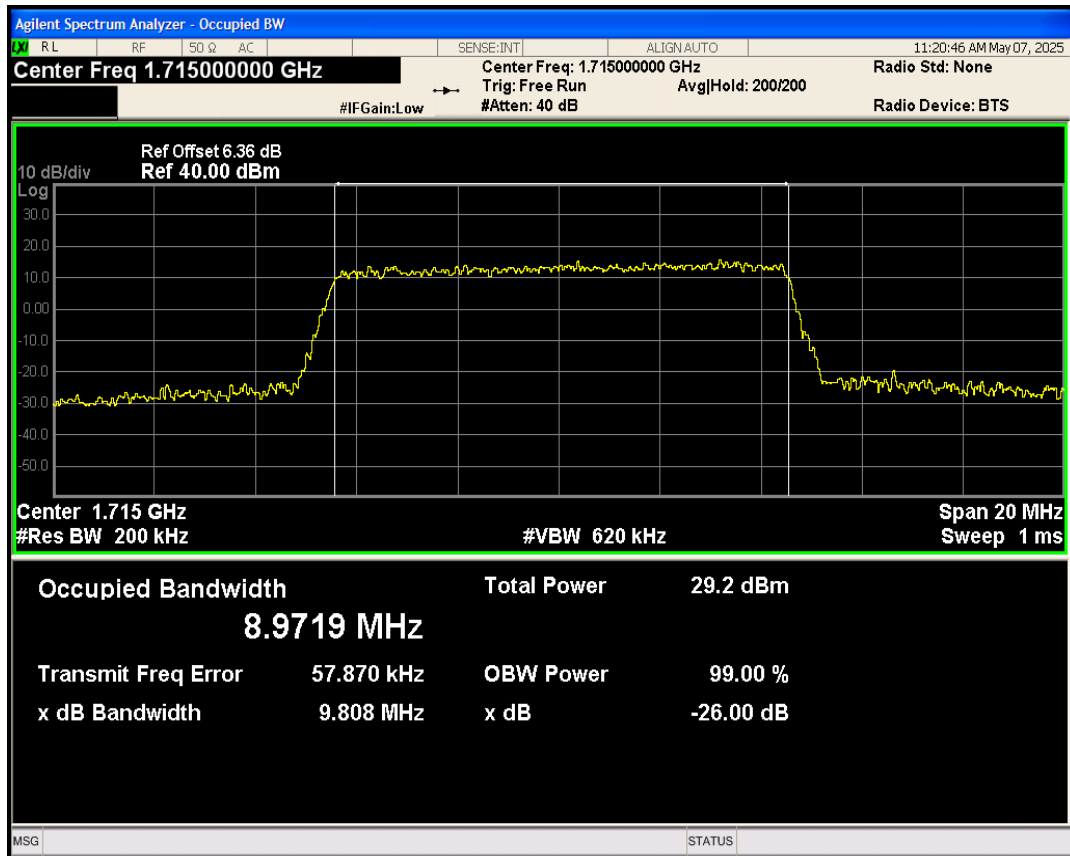




Band66 QPSK BW=10MHz Channel=132022 RB Size=50 Position=#0

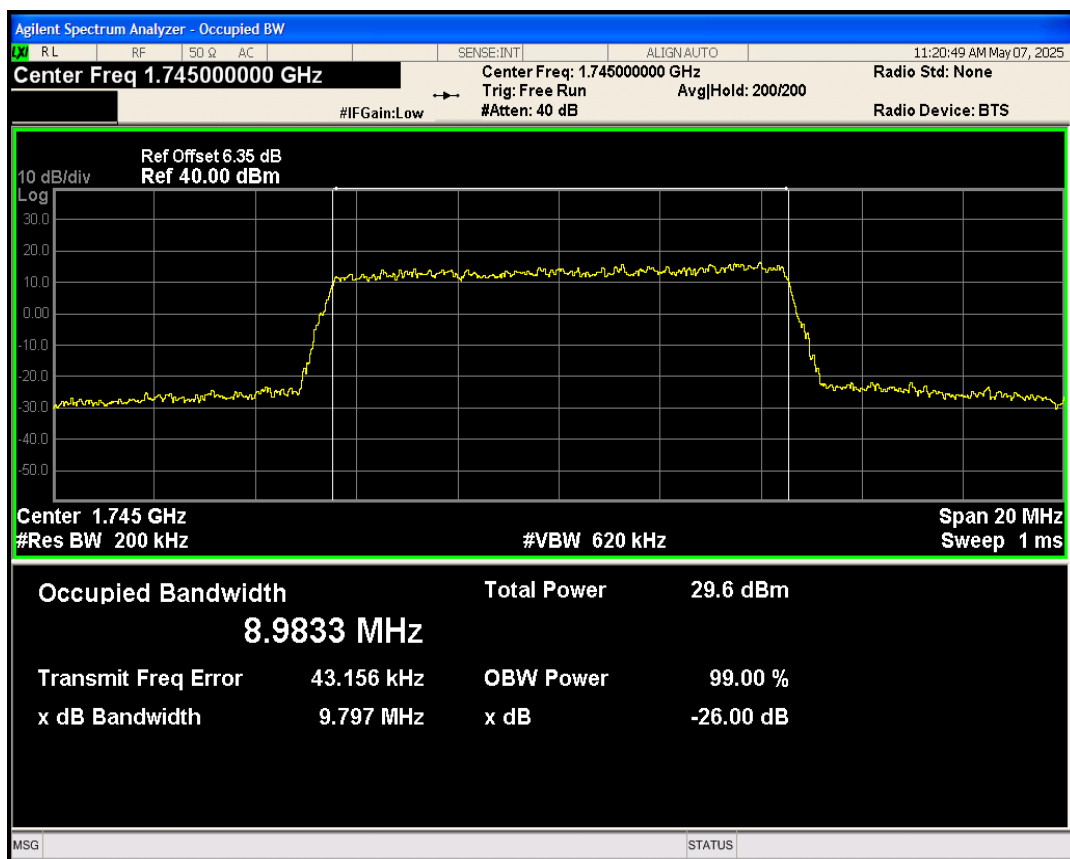


Band66 16QAM BW=10MHz Channel=132022 RB Size=50 Position=#0

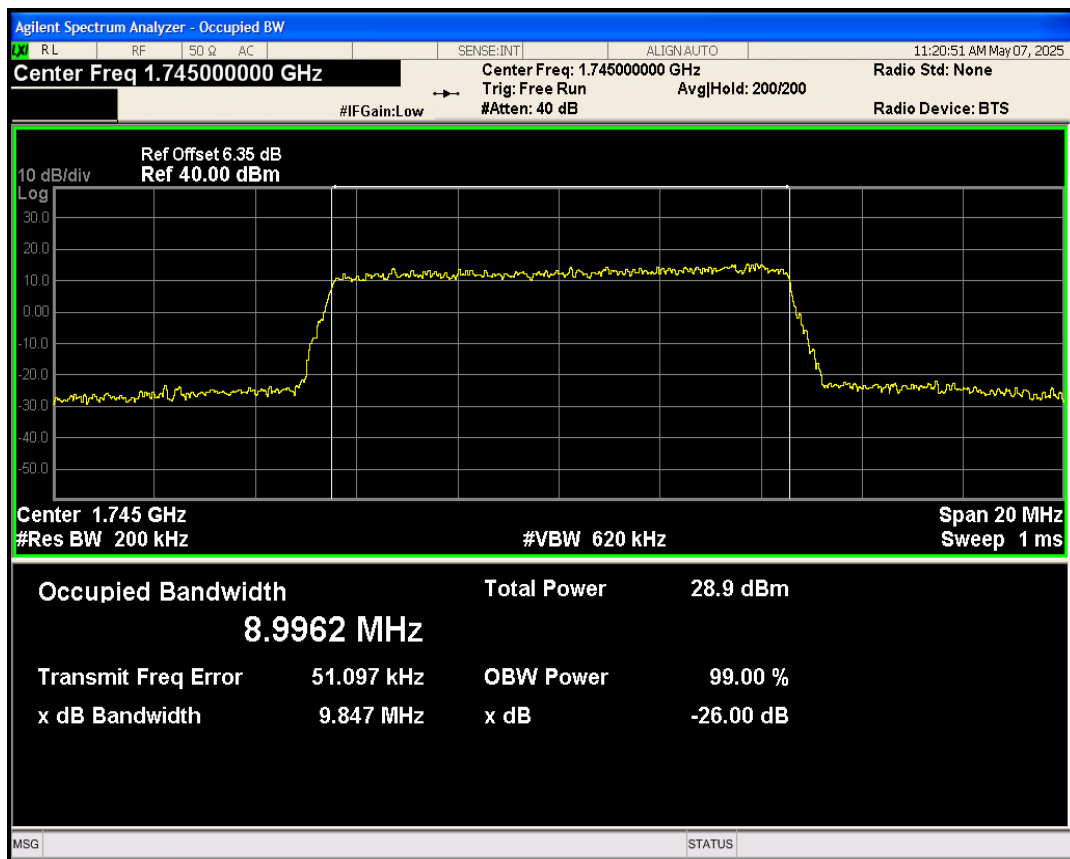




Band66 QPSK BW=10MHz Channel=132322 RB Size=50 Position=#0

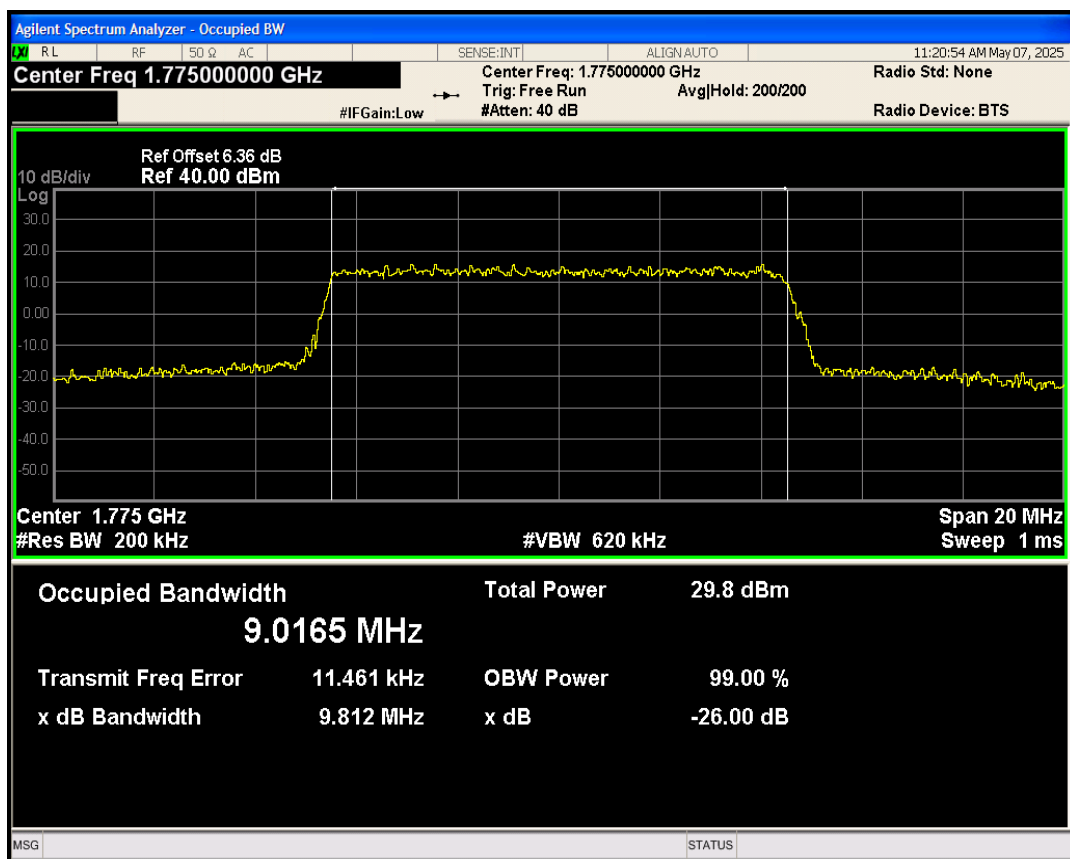


Band66 16QAM BW=10MHz Channel=132322 RB Size=50 Position=#0

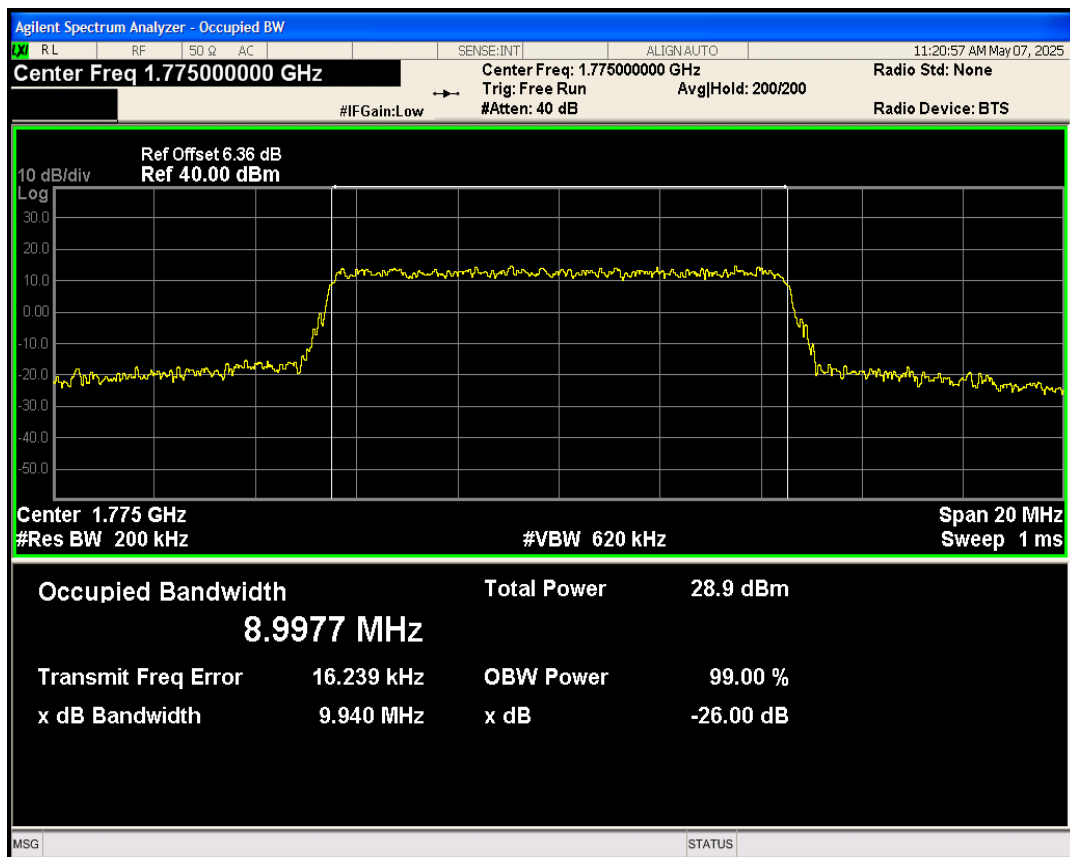




Band66 QPSK BW=10MHz Channel=132622 RB Size=50 Position=#0

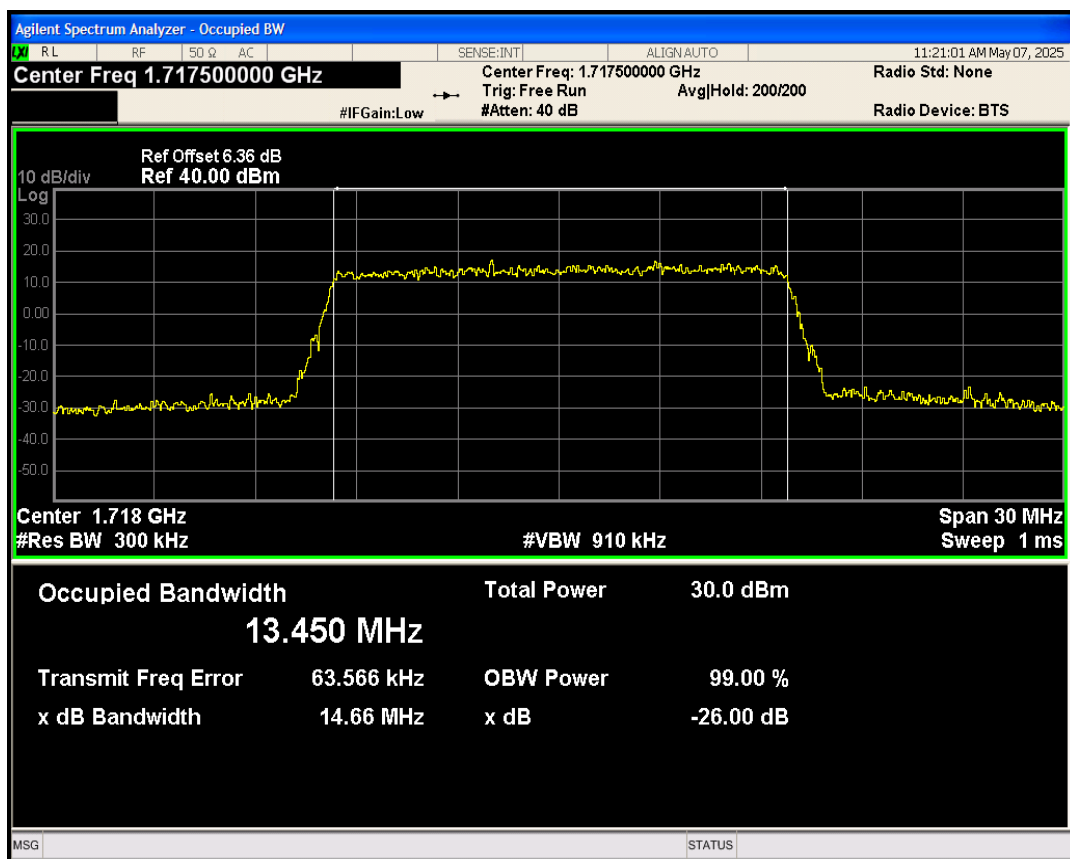


Band66 16QAM BW=10MHz Channel=132622 RB Size=50 Position=#0

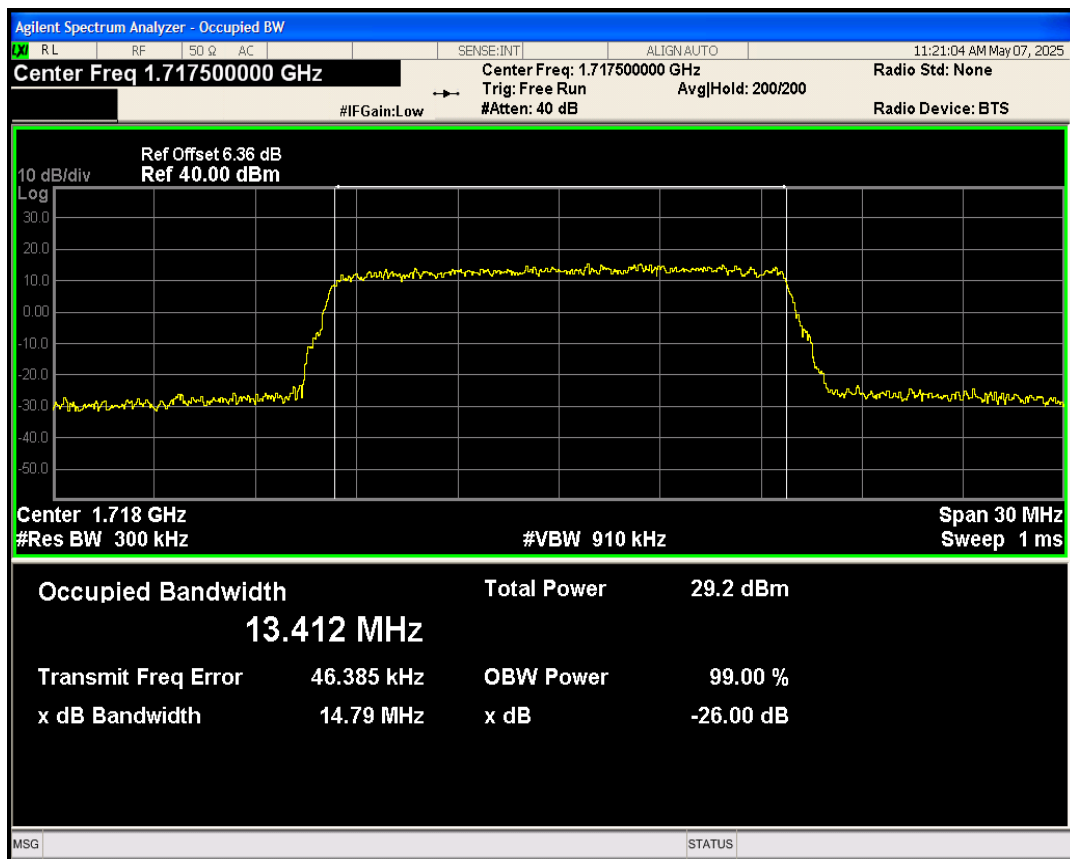




Band66 QPSK BW=15MHz Channel=132047 RB Size=75 Position=#0

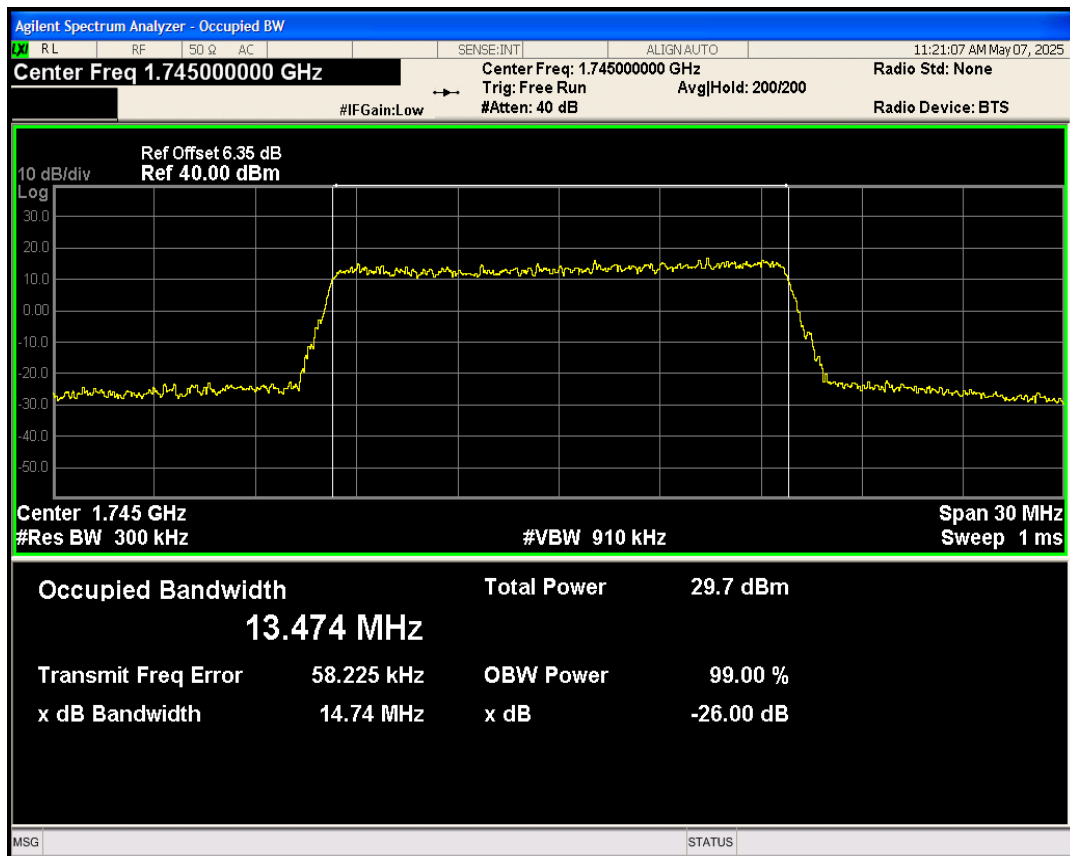


Band66 16QAM BW=15MHz Channel=132047 RB Size=75 Position=#0

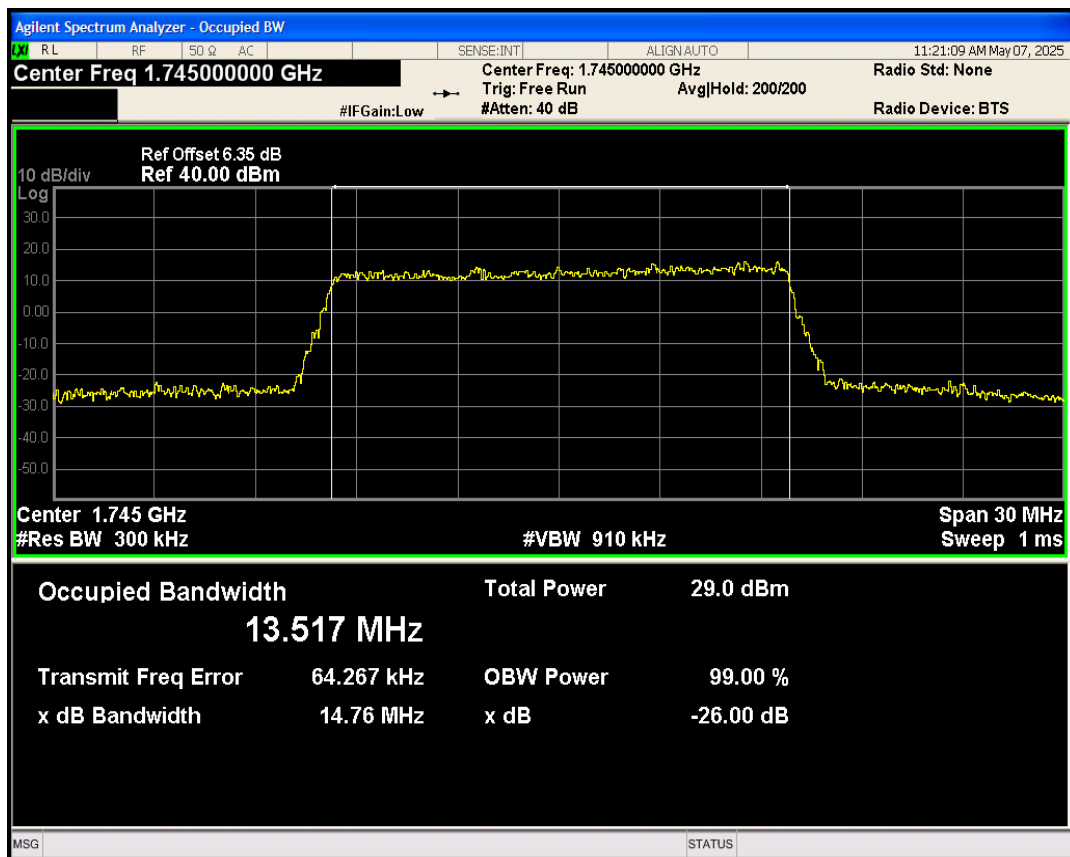




Band66 QPSK BW=15MHz Channel=132322 RB Size=75 Position=#0

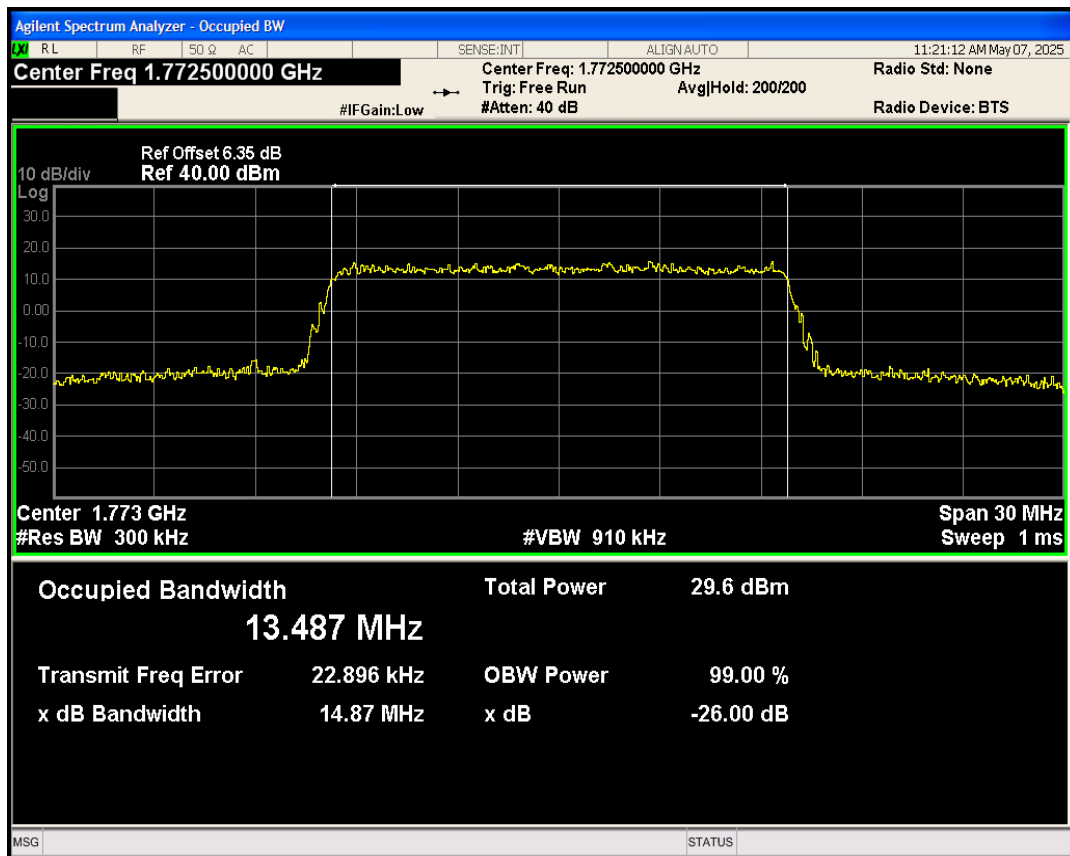


Band66 16QAM BW=15MHz Channel=132322 RB Size=75 Position=#0

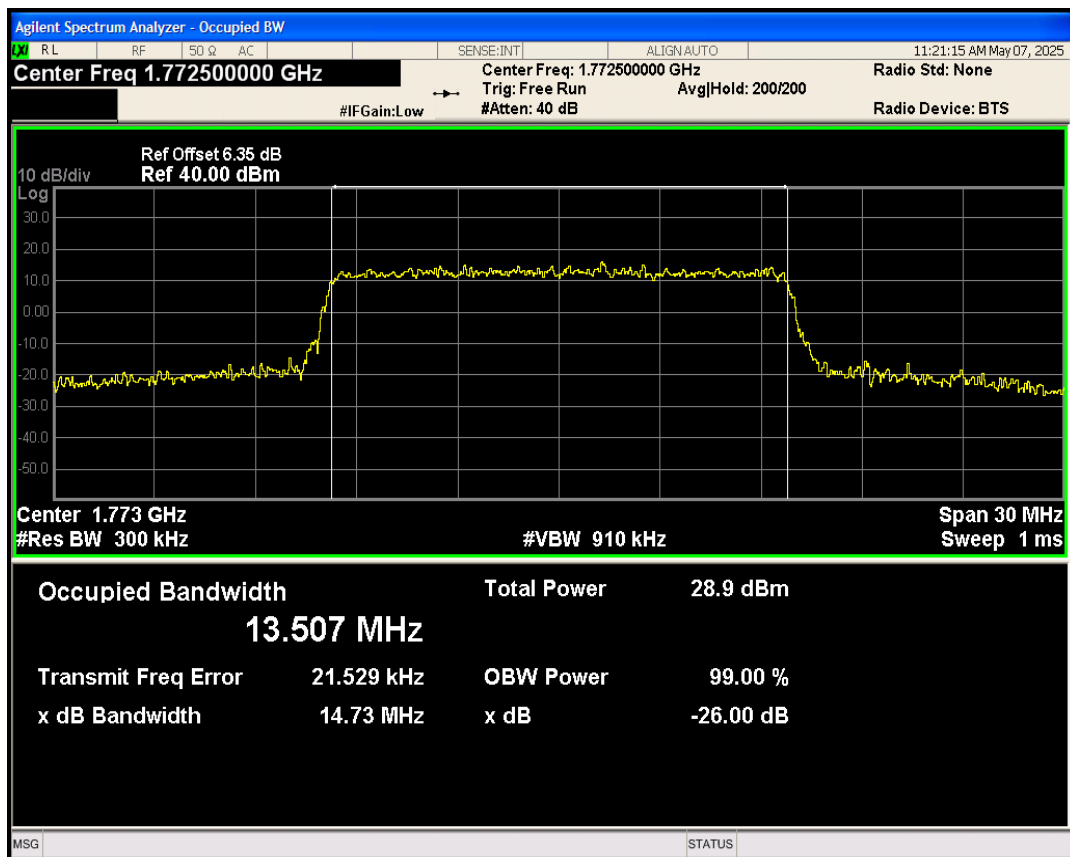




Band66 QPSK BW=15MHz Channel=132597 RB Size=75 Position=#0

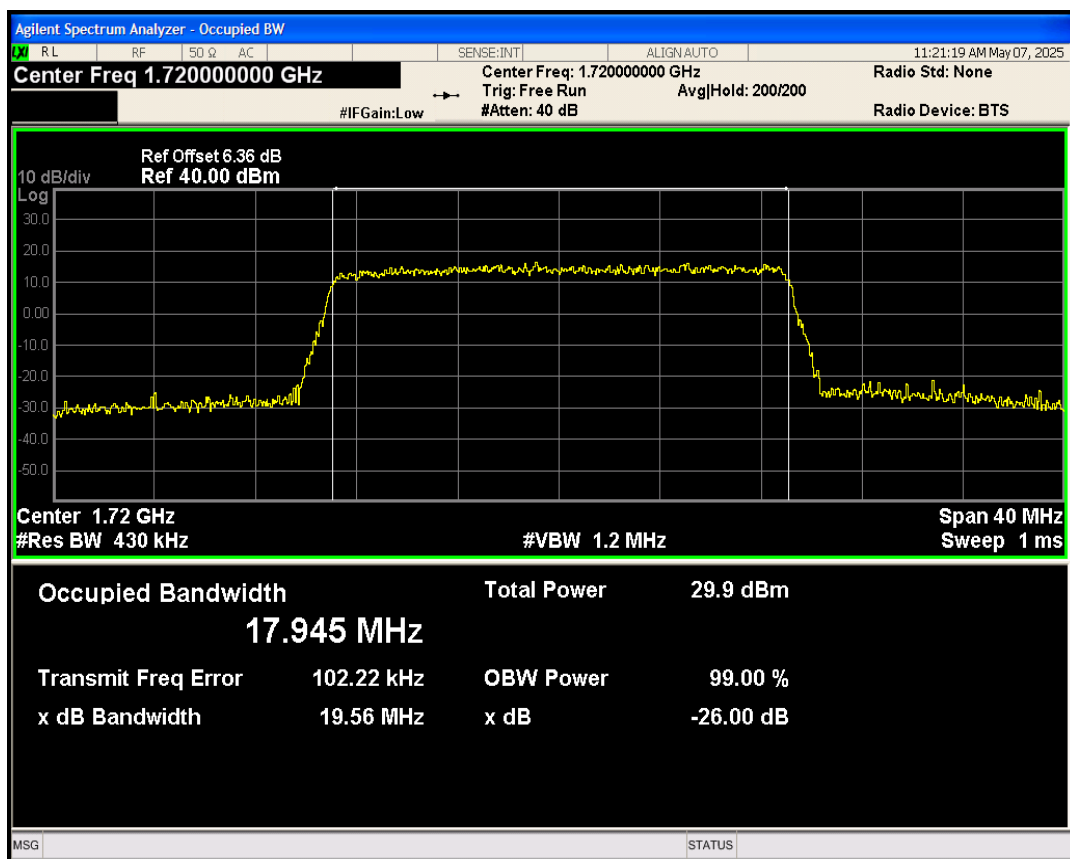


Band66 16QAM BW=15MHz Channel=132597 RB Size=75 Position=#0

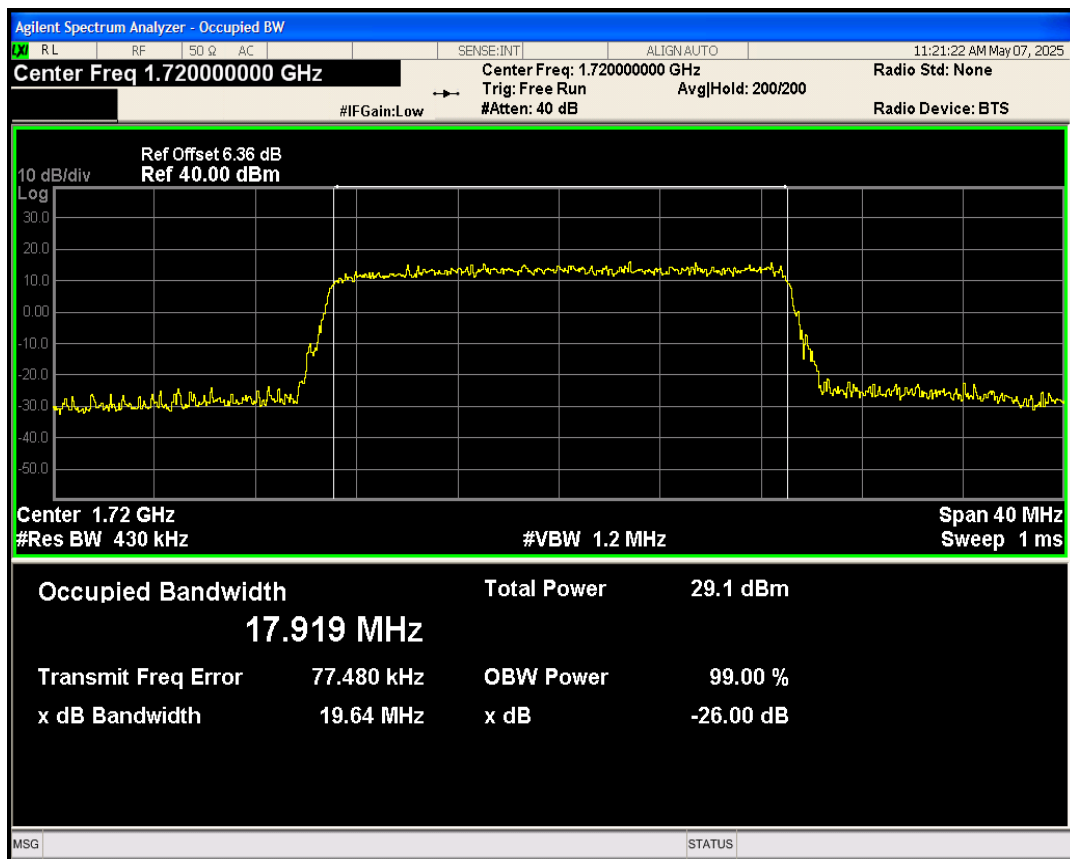




Band66 QPSK BW=20MHz Channel=132072 RB Size=100 Position=#0

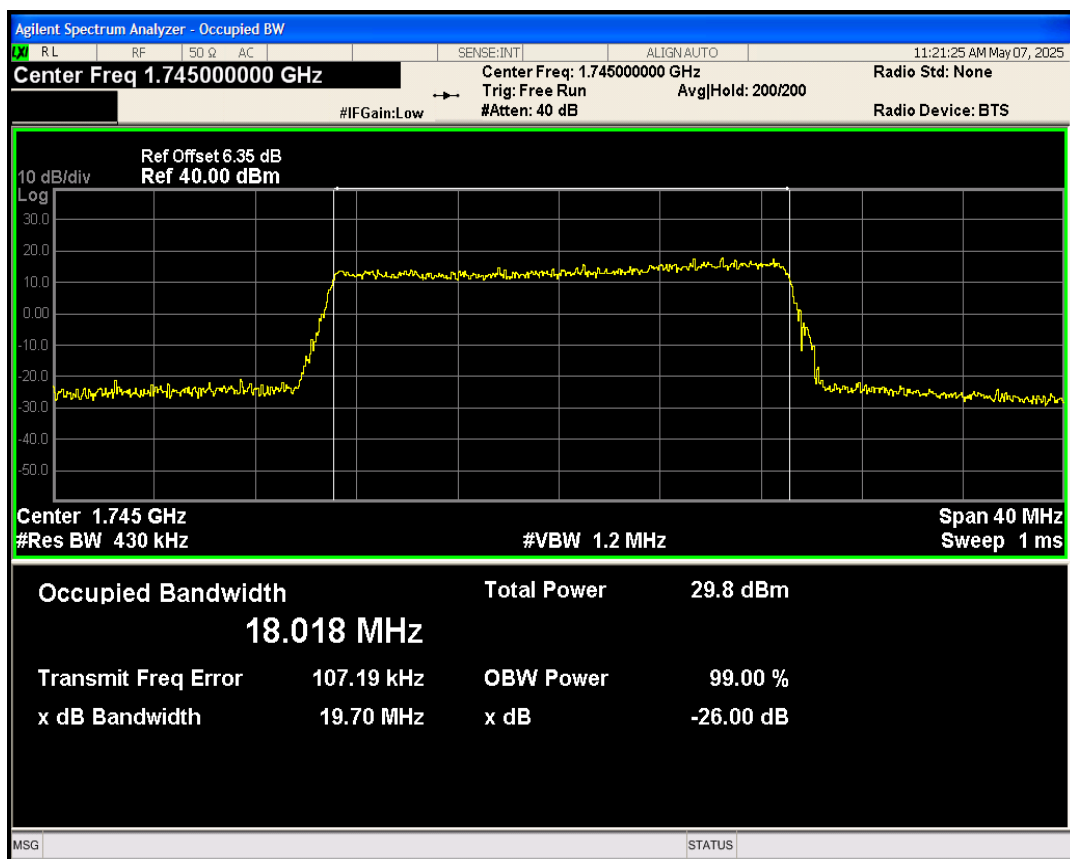


Band66 16QAM BW=20MHz Channel=132072 RB Size=100 Position=#0

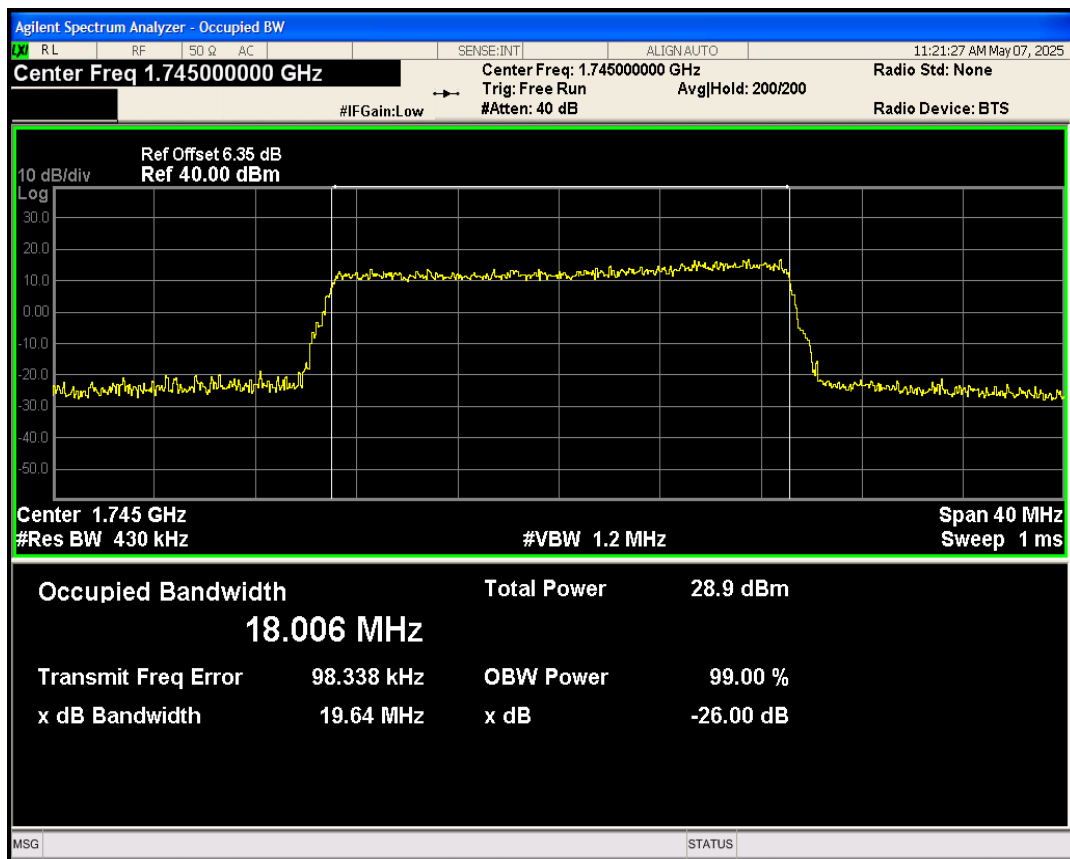




Band66 QPSK BW=20MHz Channel=132322 RB Size=100 Position=#0

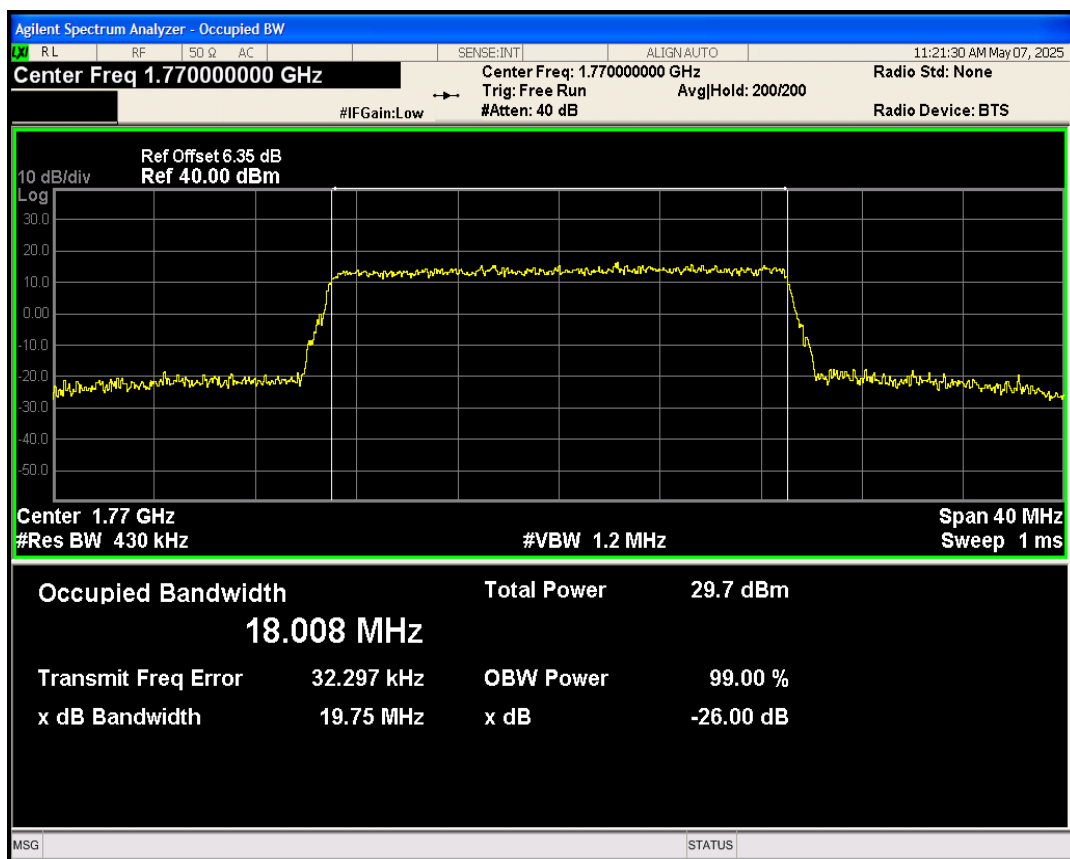


Band66 16QAM BW=20MHz Channel=132322 RB Size=100 Position=#0

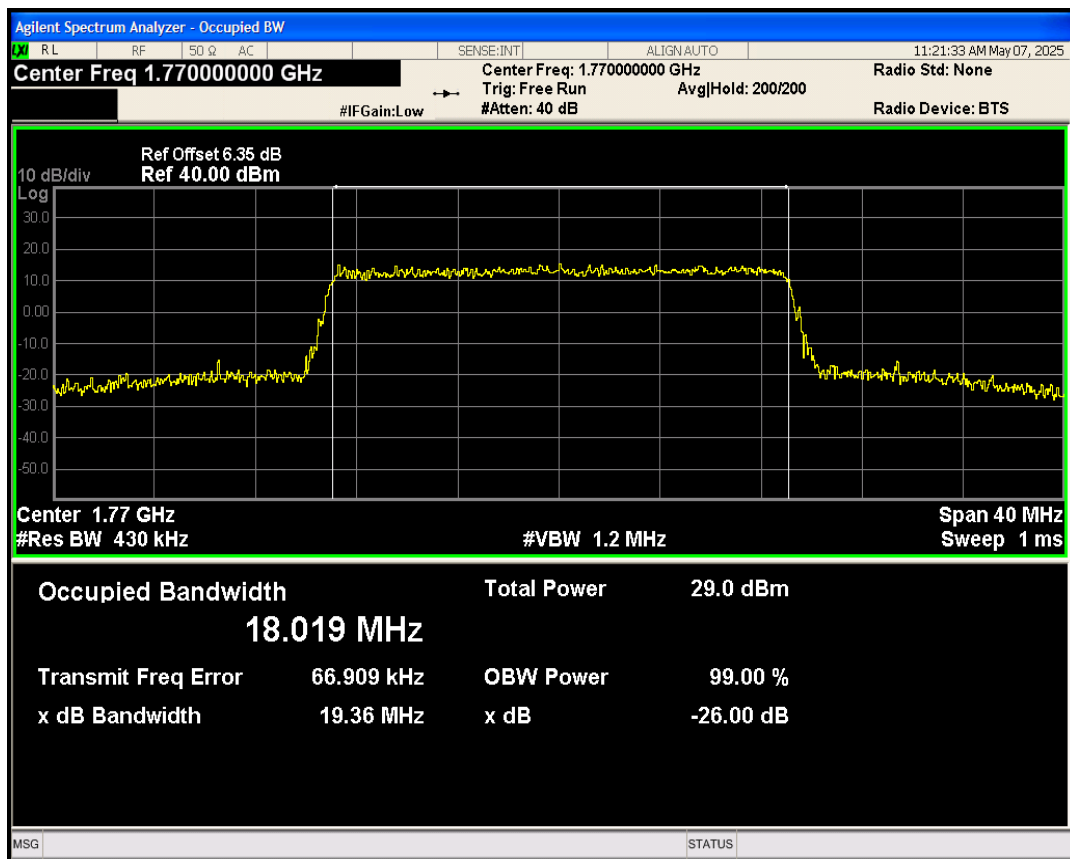




Band66 QPSK BW=20MHz Channel=132572 RB Size=100 Position=#0



Band66 16QAM BW=20MHz Channel=132572 RB Size=100 Position=#0

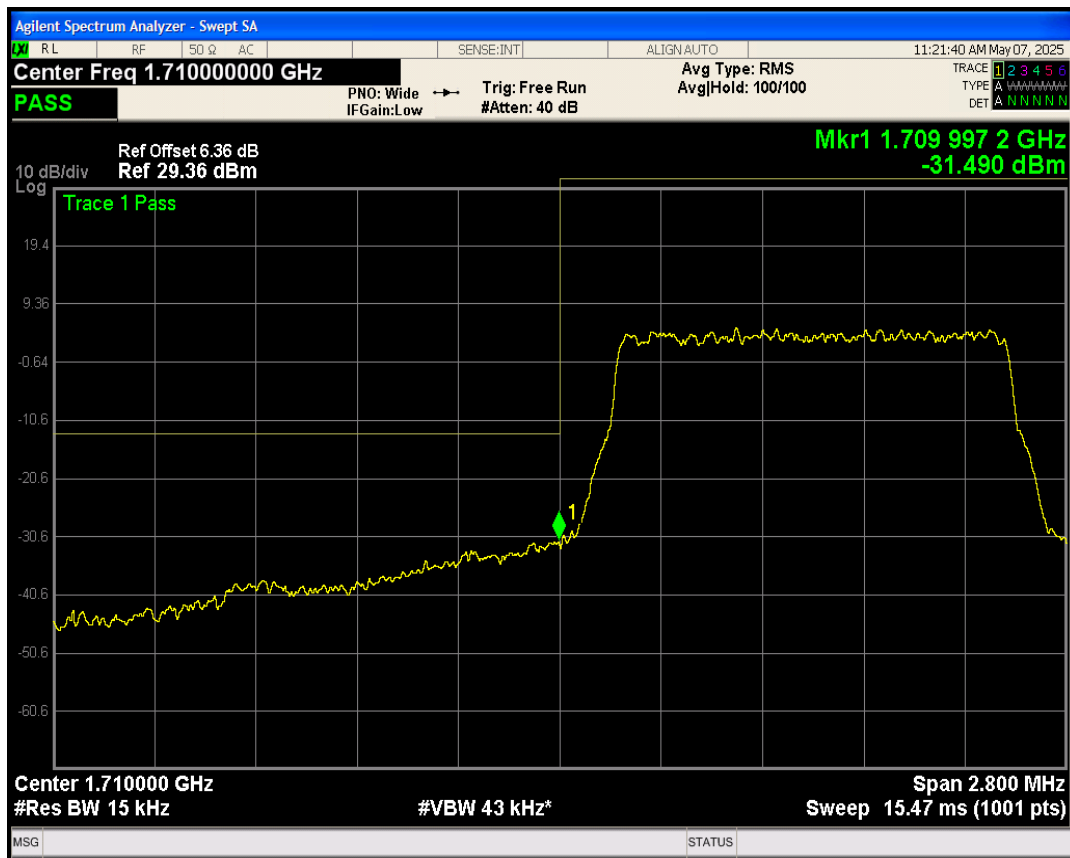


Appendix 5. Band edge

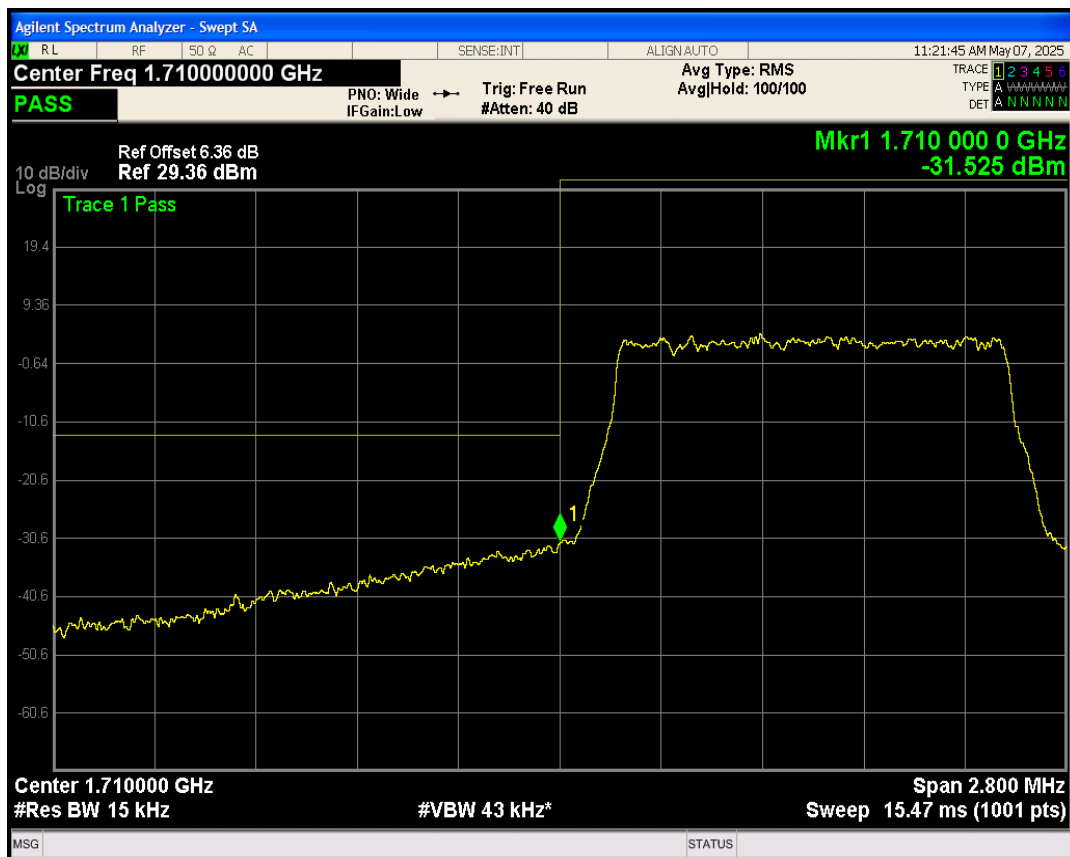
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band66	1.4	131979	6	#0	QPSK	1710.00	-31.49	-13	PASS
Band66	1.4	131979	6	#0	16QAM	1710.00	-31.52	-13	PASS
Band66	1.4	132665	6	#0	QPSK	1780.05	-30.24	-13	PASS
Band66	1.4	132665	6	#0	16QAM	1780.06	-31.93	-13	PASS
Band66	3	131987	15	#0	QPSK	1710.00	-24.87	-13	PASS
Band66	3	131987	15	#0	16QAM	1710.00	-25.88	-13	PASS
Band66	3	132657	15	#0	QPSK	1780.00	-24.81	-13	PASS
Band66	3	132657	15	#0	16QAM	1780.01	-25.12	-13	PASS
Band66	5	131997	25	#0	QPSK	1709.99	-32.22	-13	PASS
Band66	5	131997	25	#0	16QAM	1709.99	-31.41	-13	PASS
Band66	5	132647	25	#0	QPSK	1780.00	-28.90	-13	PASS
Band66	5	132647	25	#0	16QAM	1780.01	-29.93	-13	PASS
Band66	10	132022	50	#0	QPSK	1709.98	-35.28	-13	PASS
Band66	10	132022	50	#0	16QAM	1710.00	-35.21	-13	PASS
Band66	10	132622	50	#0	QPSK	1780.12	-28.98	-13	PASS
Band66	10	132622	50	#0	16QAM	1780.02	-28.85	-13	PASS
Band66	15	132047	75	#0	QPSK	1710.00	-34.86	-13	PASS
Band66	15	132047	75	#0	16QAM	1710.00	-35.05	-13	PASS
Band66	15	132597	75	#0	QPSK	1780.03	-29.25	-13	PASS
Band66	15	132597	75	#0	16QAM	1780.00	-31.33	-13	PASS
Band66	20	132072	100	#0	QPSK	1710.00	-37.32	-13	PASS
Band66	20	132072	100	#0	16QAM	1710.00	-38.76	-13	PASS
Band66	20	132572	100	#0	QPSK	1780.04	-31.44	-13	PASS
Band66	20	132572	100	#0	16QAM	1780.08	-33.49	-13	PASS



Band66 QPSK BW=1.4MHz Channel=131979 RB Size=6 Position=#0

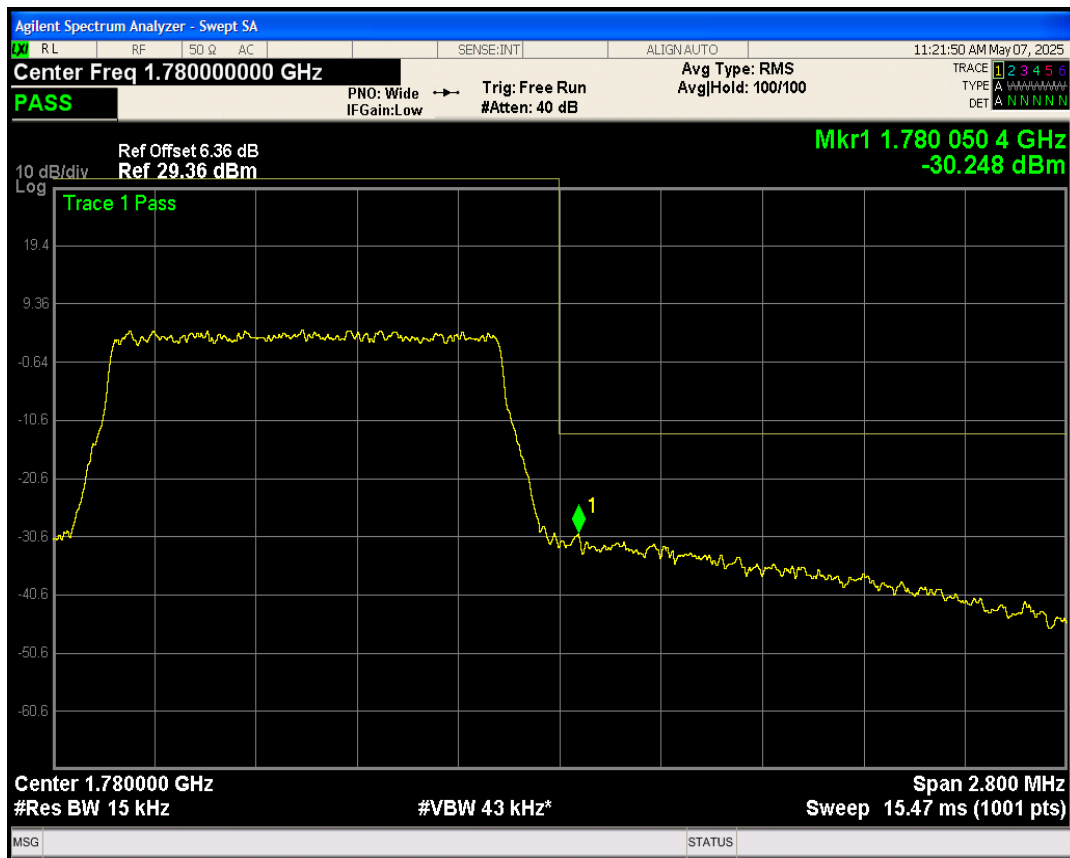


Band66 16QAM BW=1.4MHz Channel=131979 RB Size=6 Position=#0

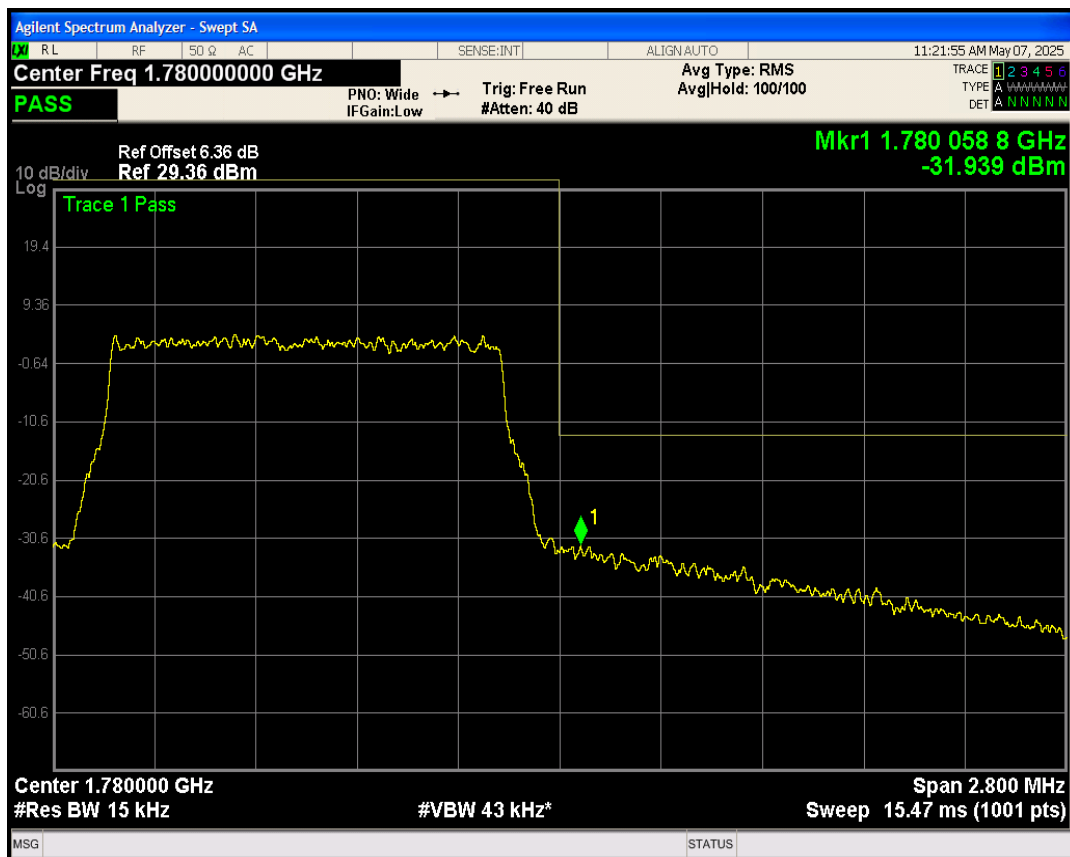




Band66 QPSK BW=1.4MHz Channel=132665 RB Size=6 Position=#0

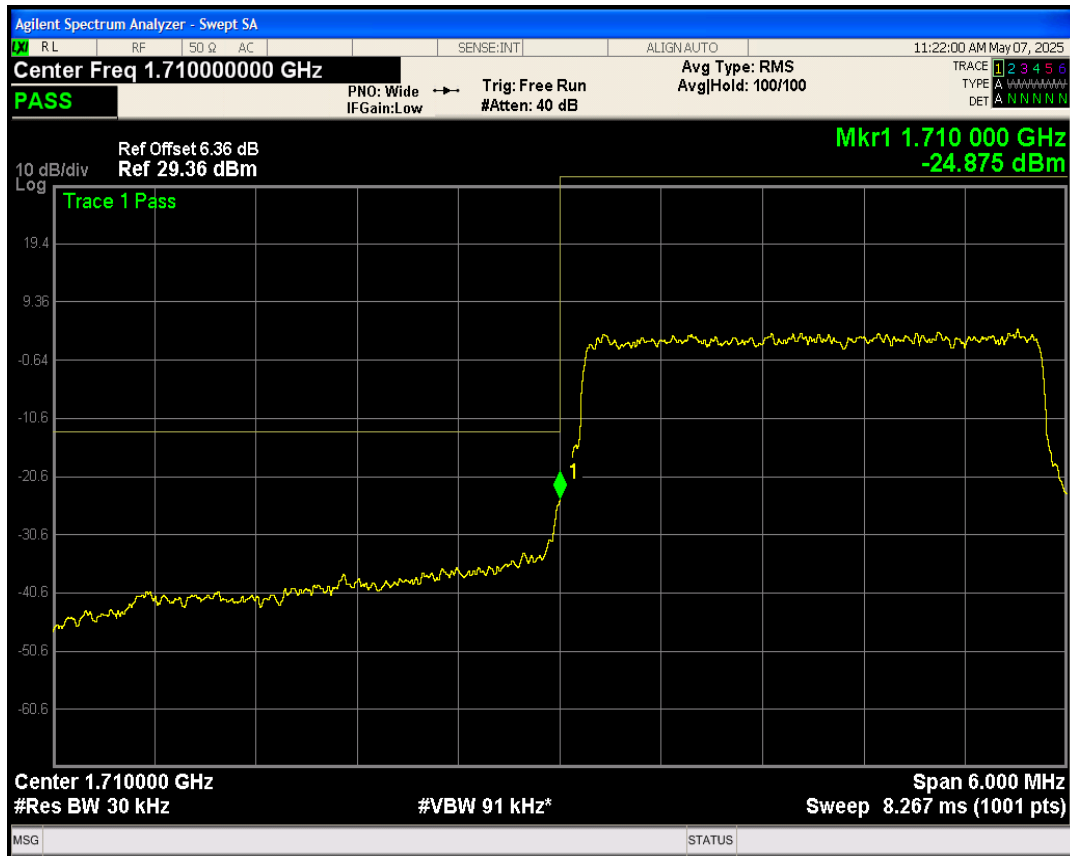


Band66 16QAM BW=1.4MHz Channel=132665 RB Size=6 Position=#0

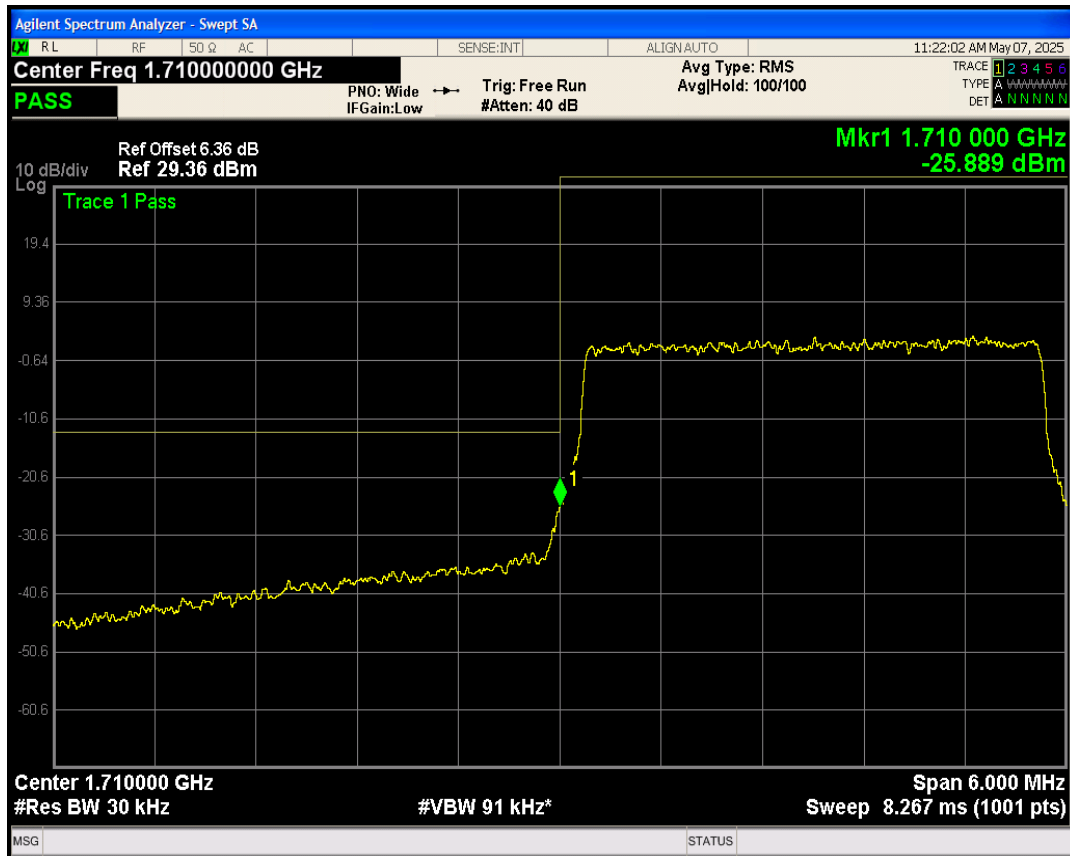




Band66 QPSK BW=3MHz Channel=131987 RB Size=15 Position=#0

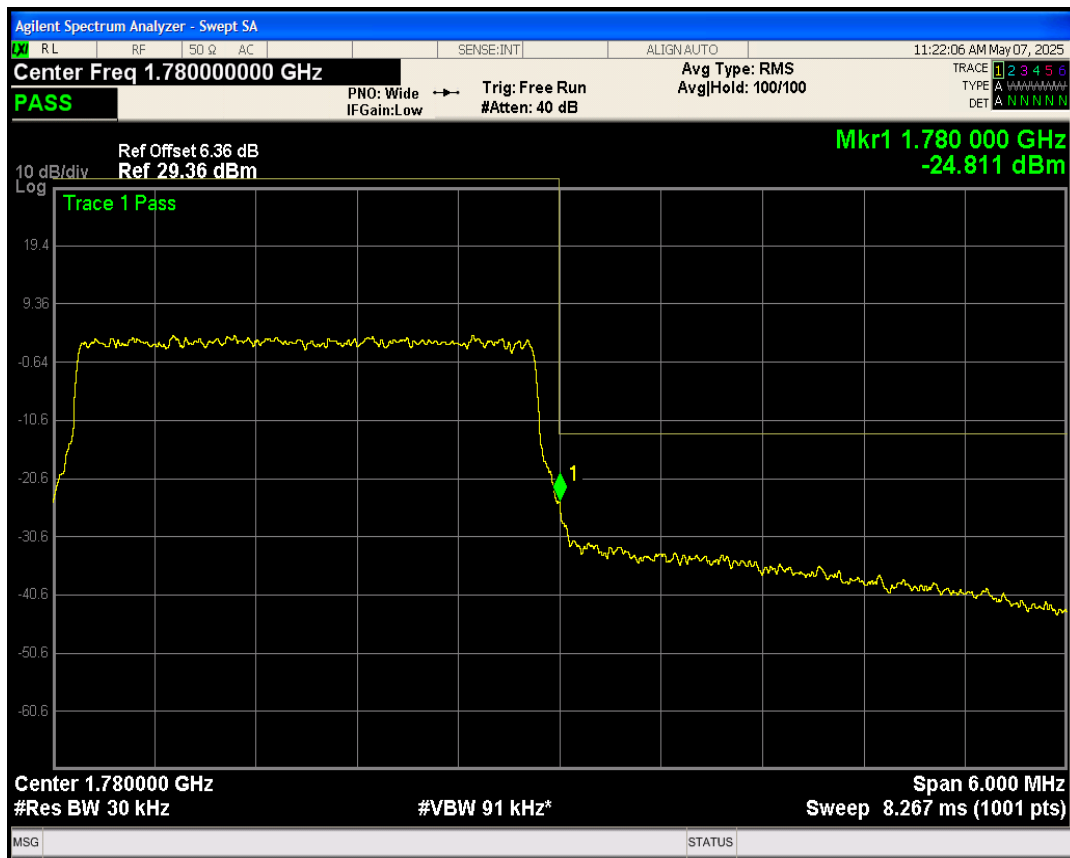


Band66 16QAM BW=3MHz Channel=131987 RB Size=15 Position=#0

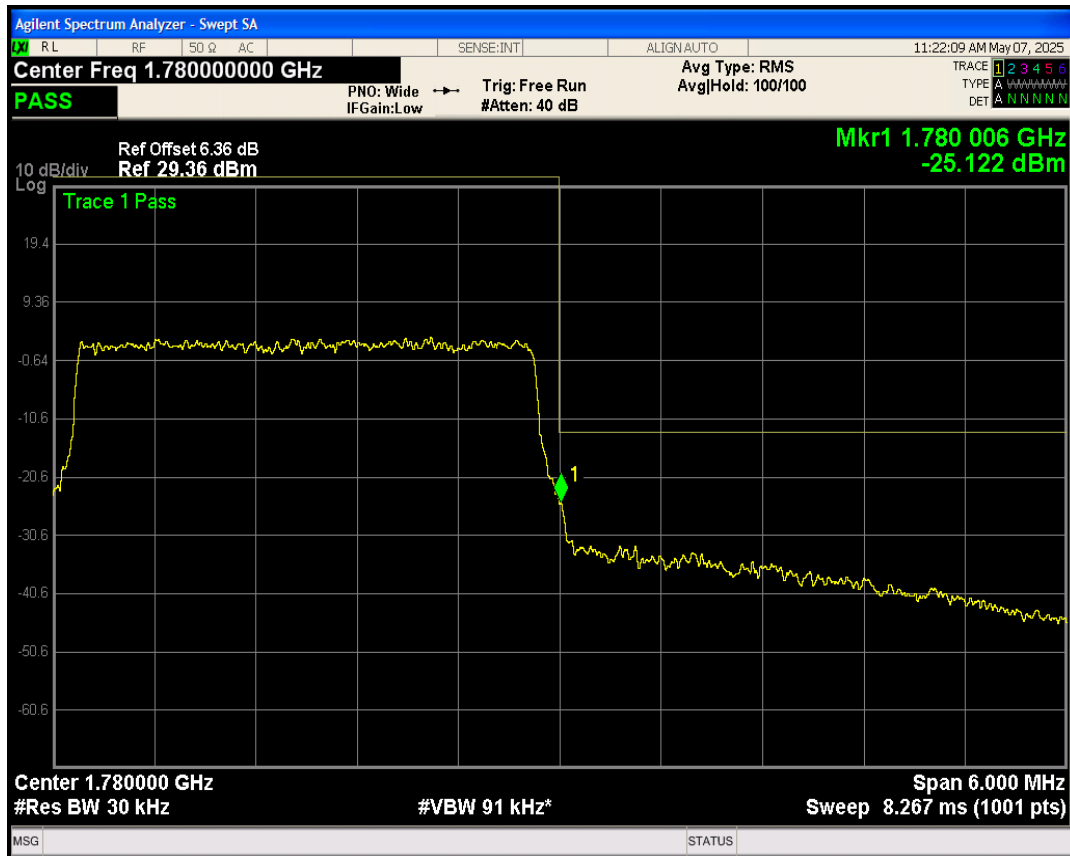




Band66 QPSK BW=3MHz Channel=132657 RB Size=15 Position=#0

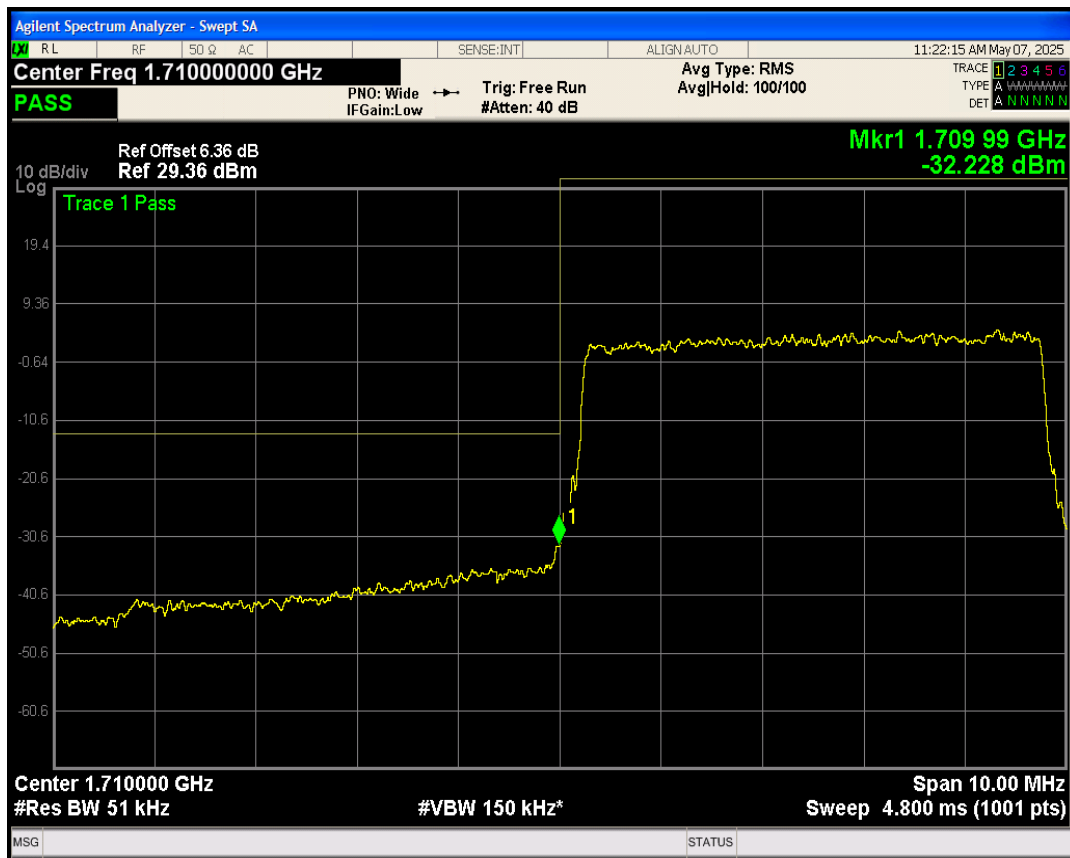


Band66 16QAM BW=3MHz Channel=132657 RB Size=15 Position=#0

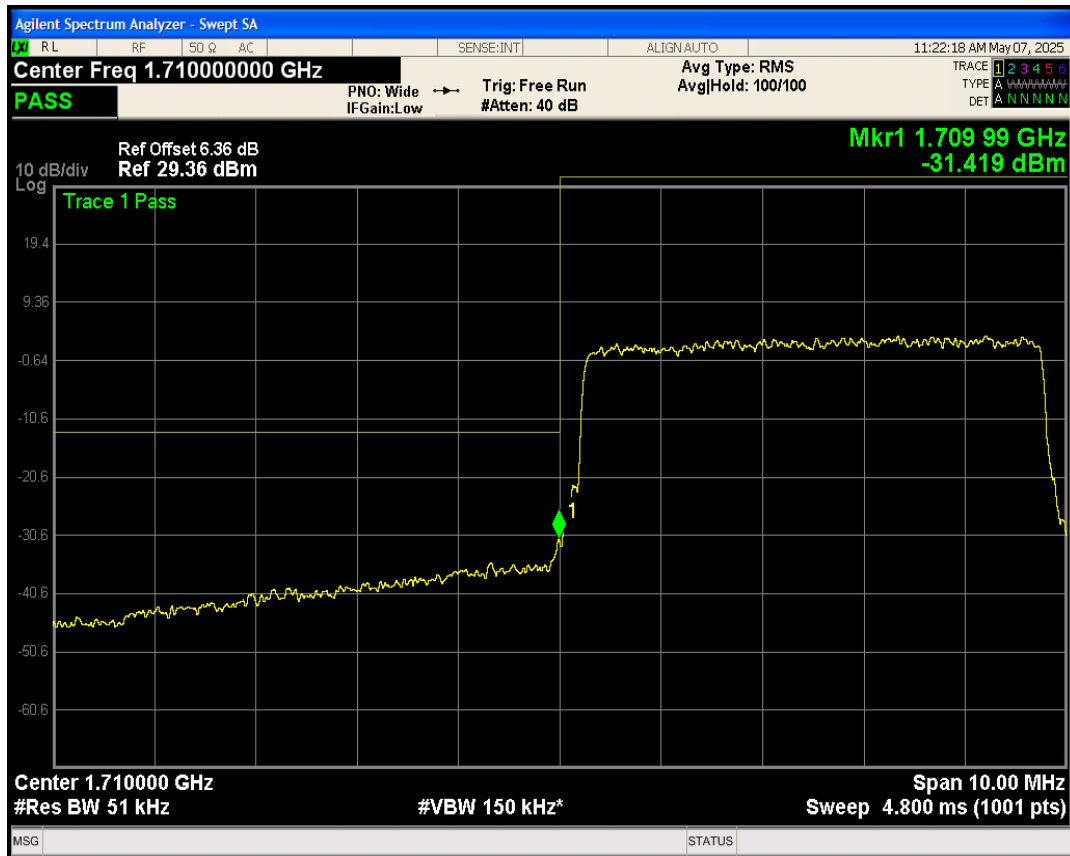




Band66 QPSK BW=5MHz Channel=131997 RB Size=25 Position=#0

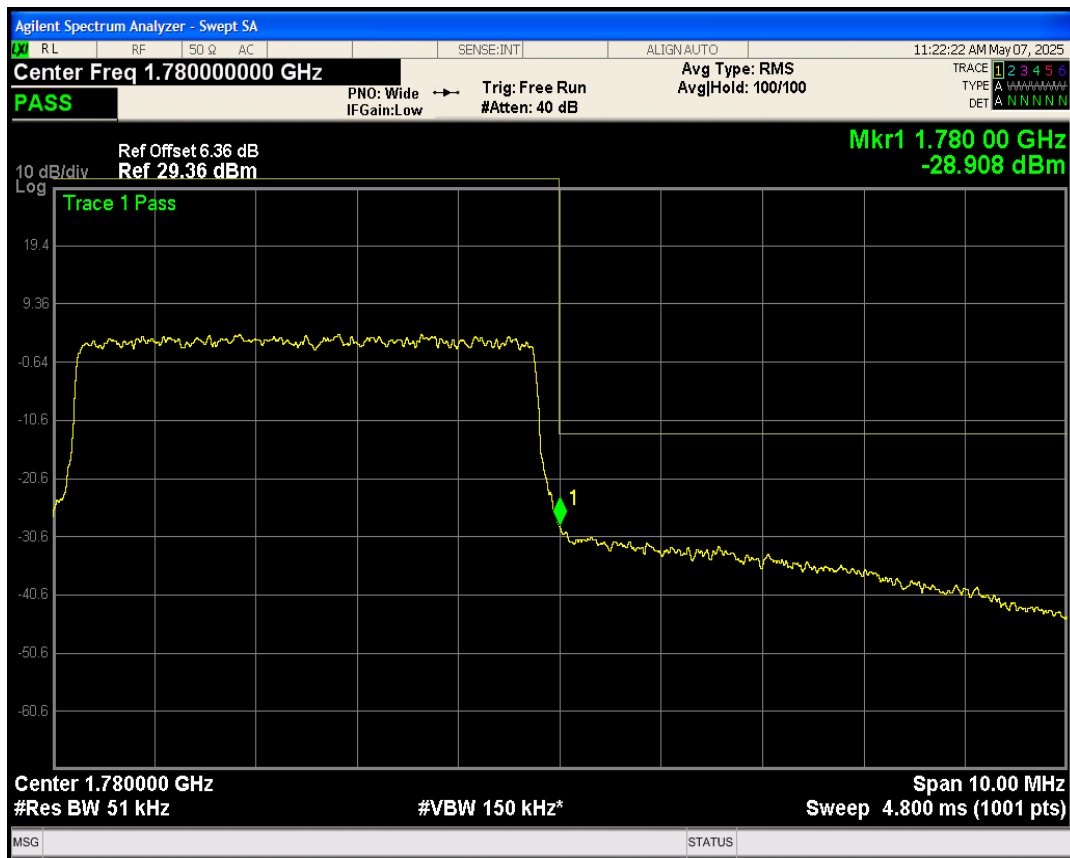


Band66 16QAM BW=5MHz Channel=131997 RB Size=25 Position=#0

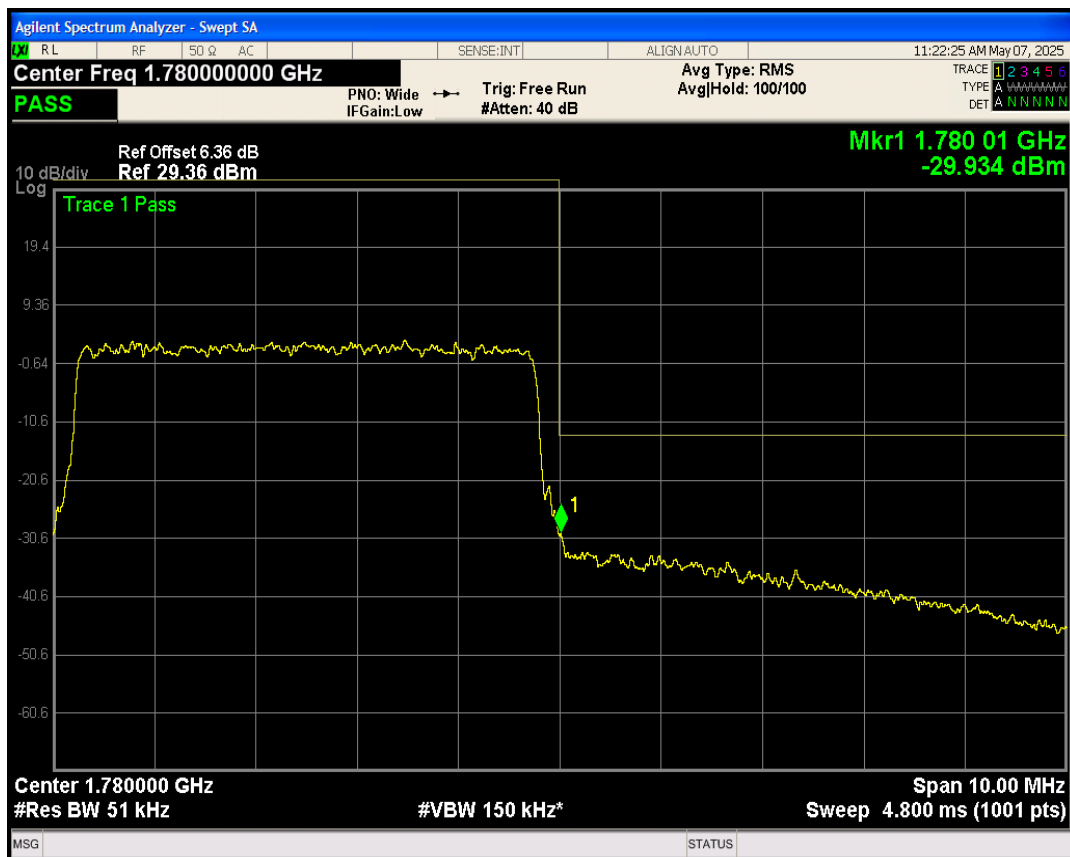




Band66 QPSK BW=5MHz Channel=132647 RB Size=25 Position=#0

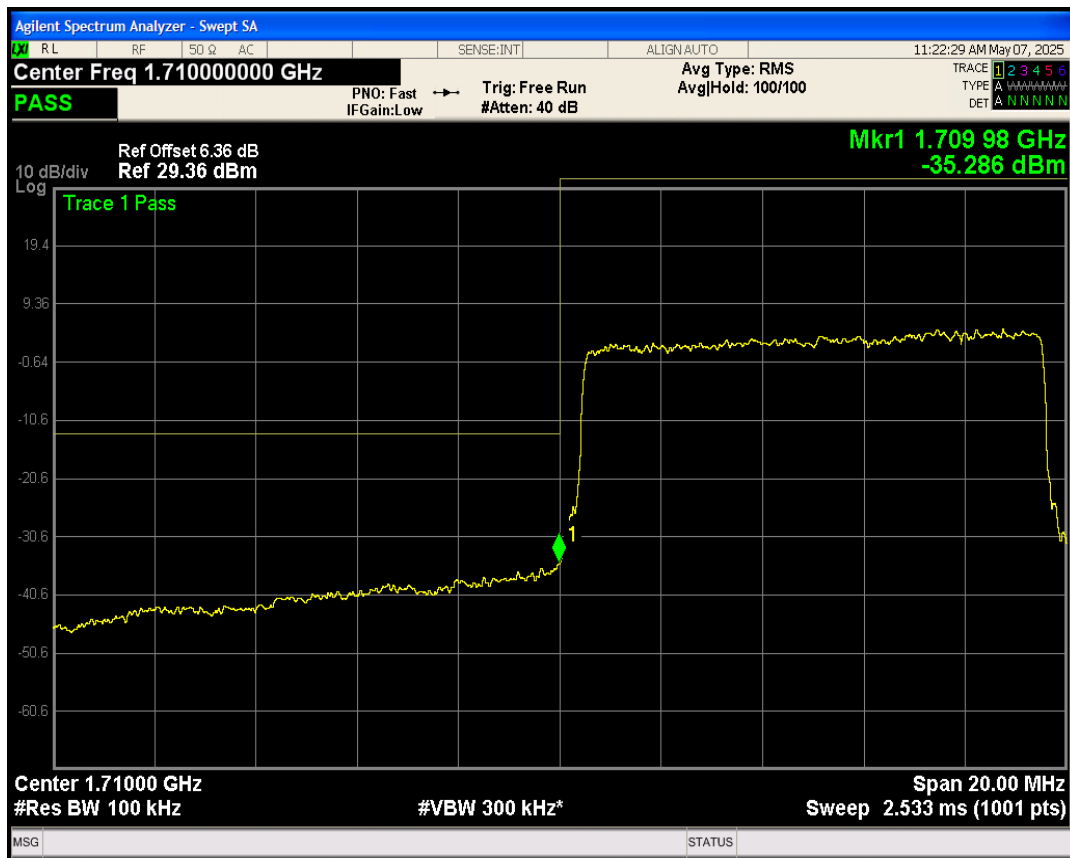


Band66 16QAM BW=5MHz Channel=132647 RB Size=25 Position=#0

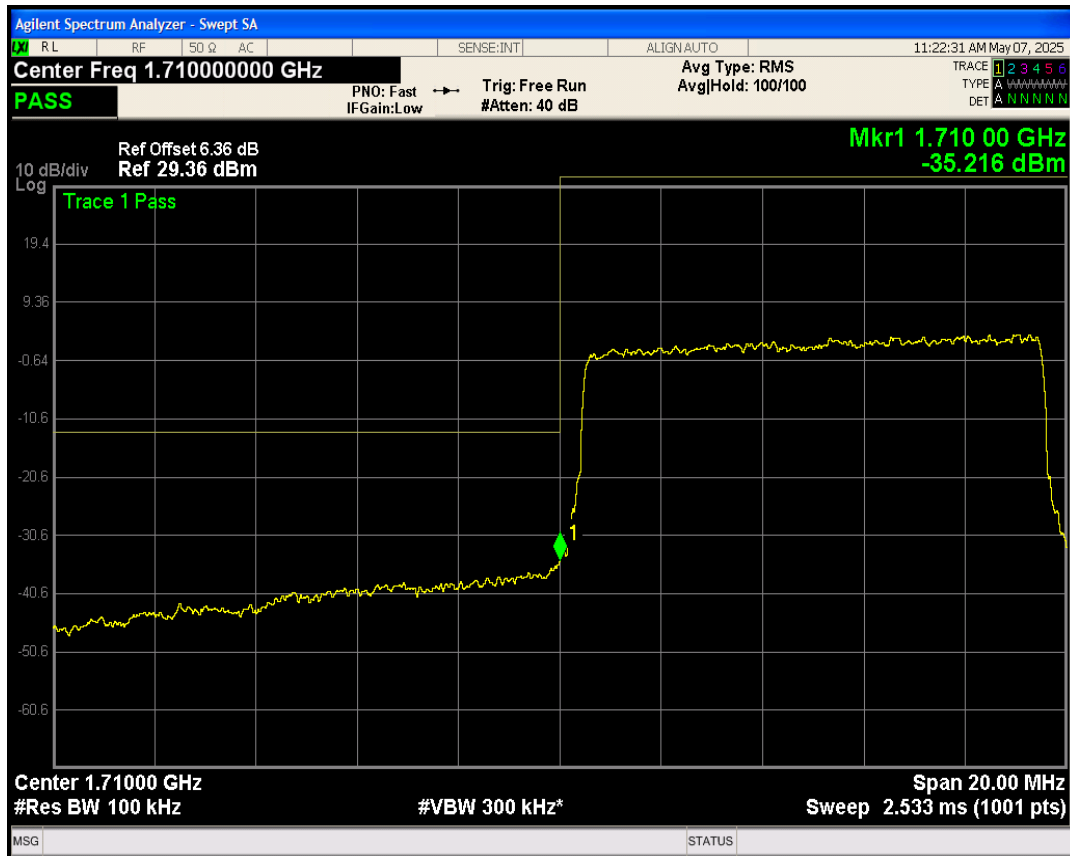




Band66 QPSK BW=10MHz Channel=132022 RB Size=50 Position=#0

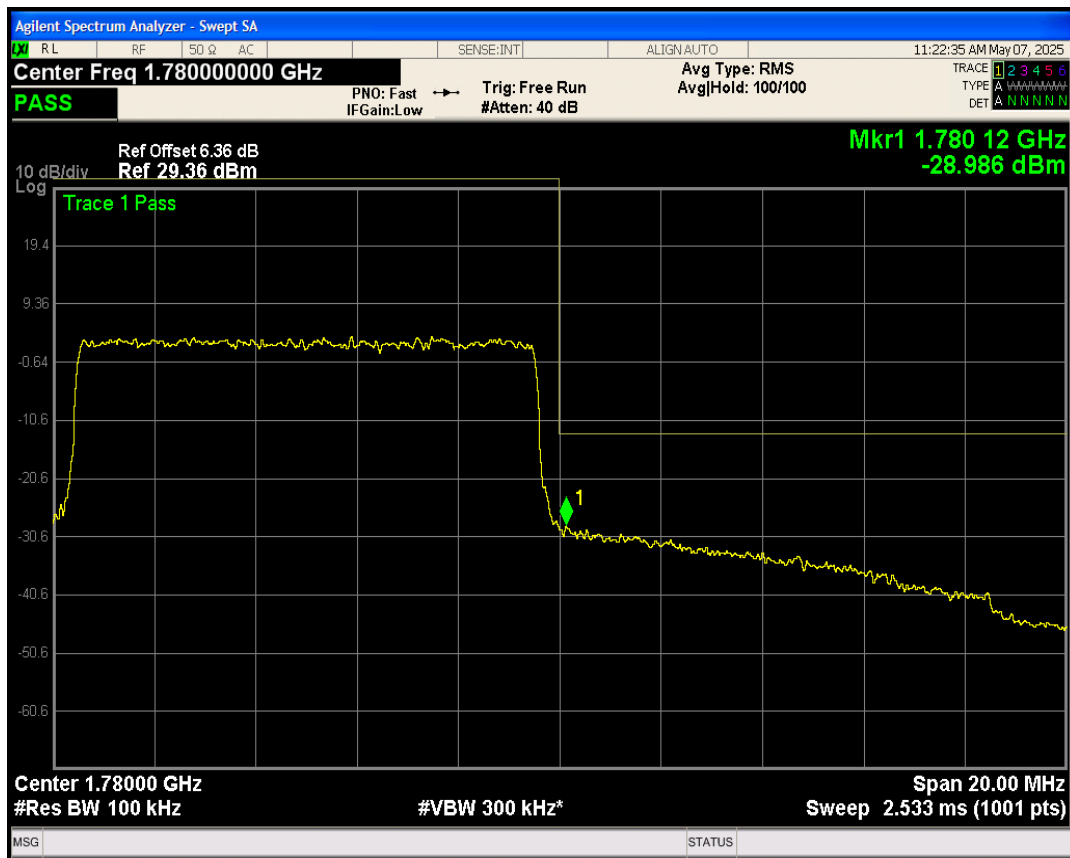


Band66 16QAM BW=10MHz Channel=132022 RB Size=50 Position=#0

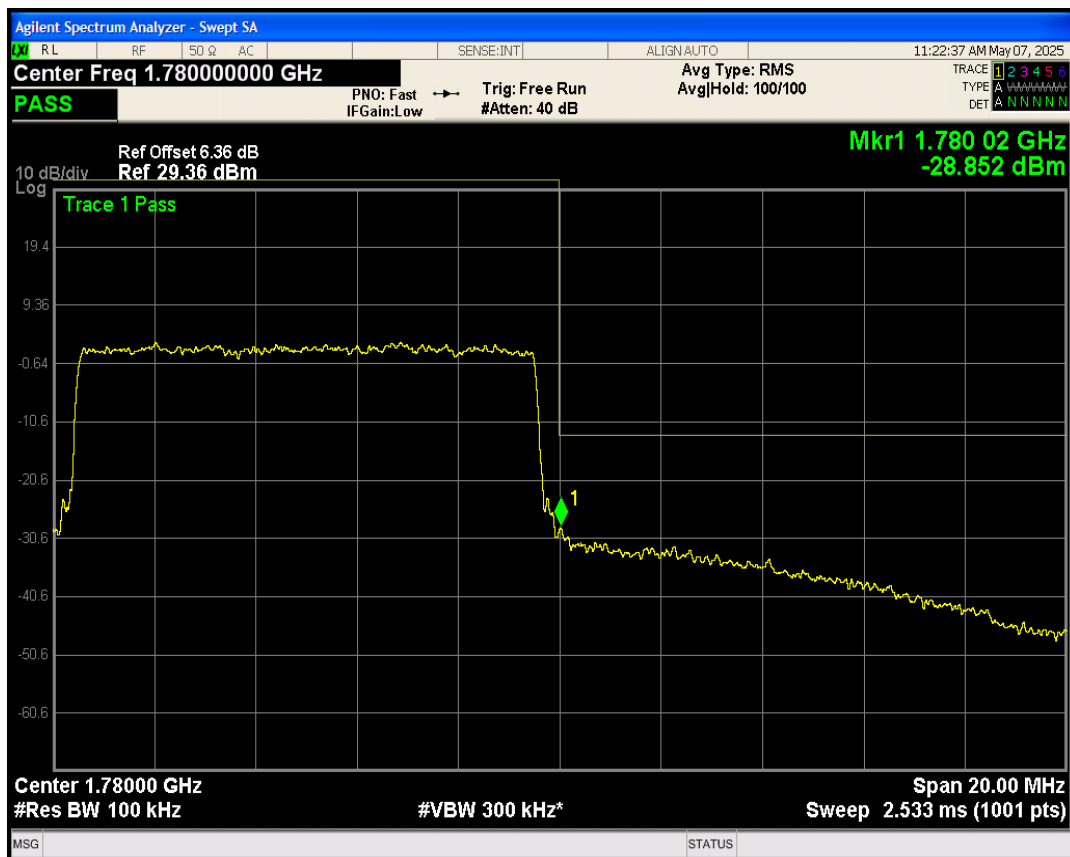




Band66 QPSK BW=10MHz Channel=132622 RB Size=50 Position=#0

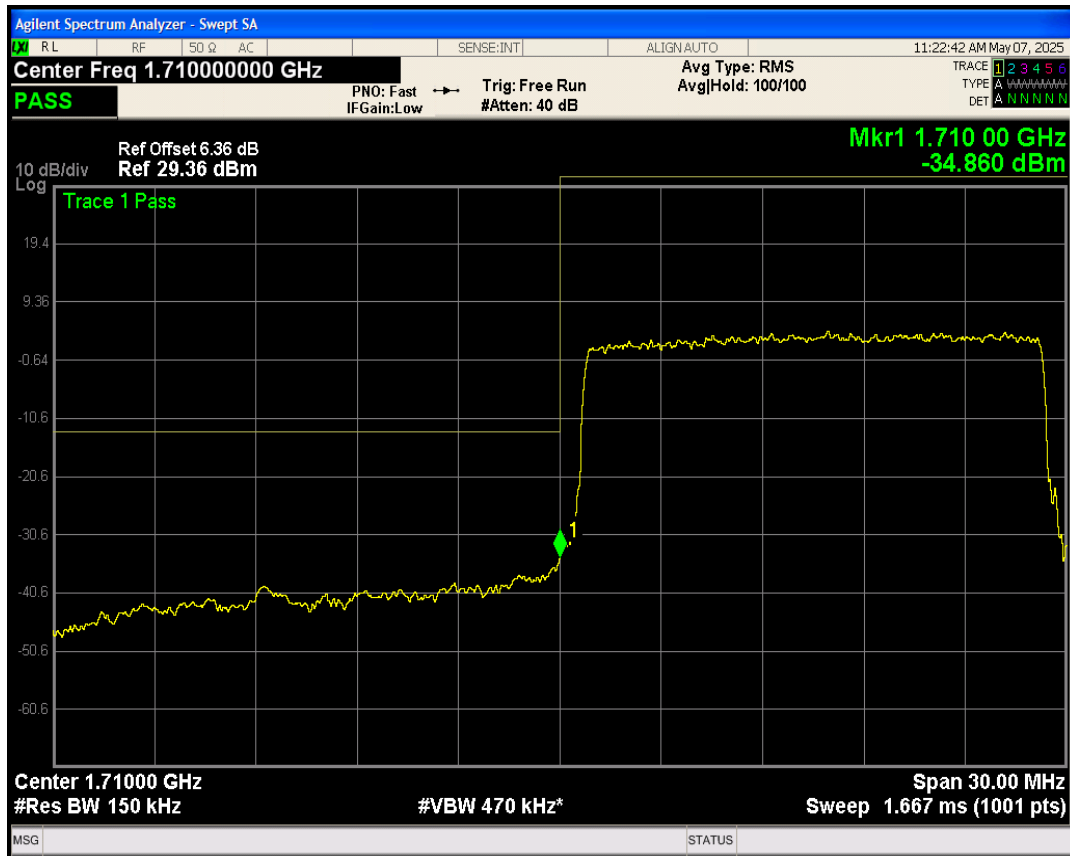


Band66 16QAM BW=10MHz Channel=132622 RB Size=50 Position=#0

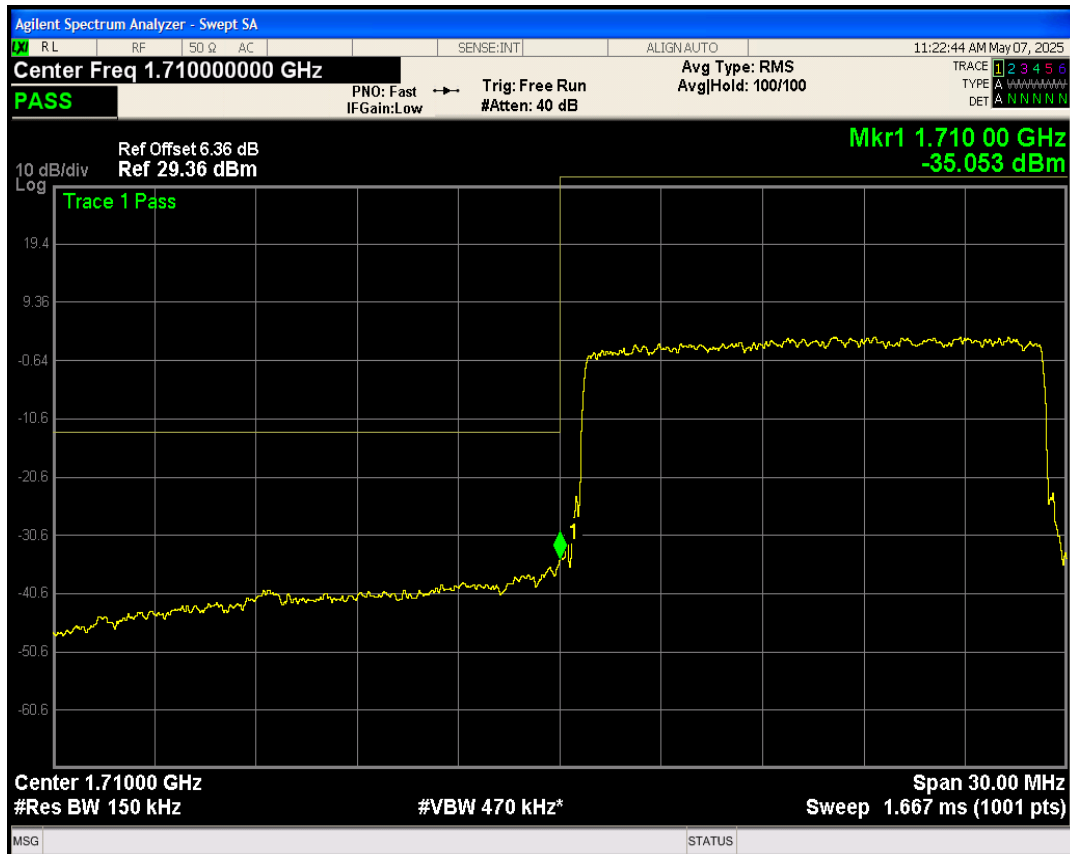




Band66 QPSK BW=15MHz Channel=132047 RB Size=75 Position=#0

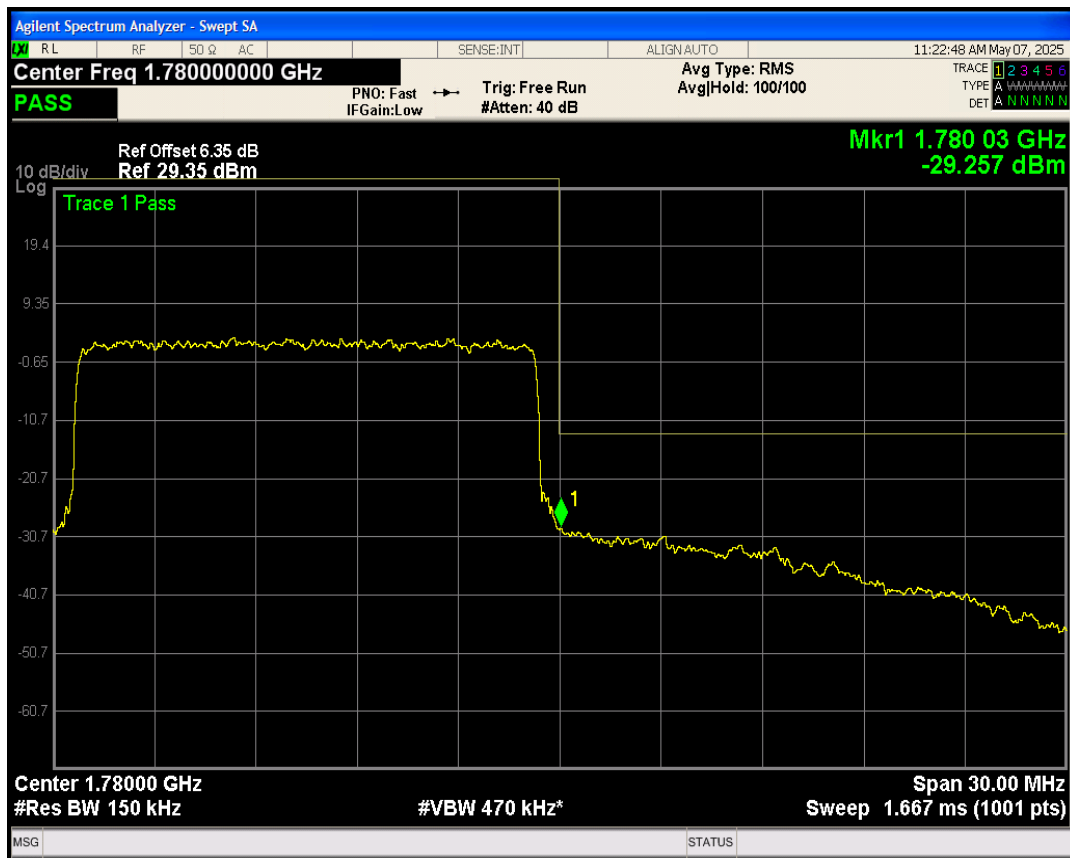


Band66 16QAM BW=15MHz Channel=132047 RB Size=75 Position=#0

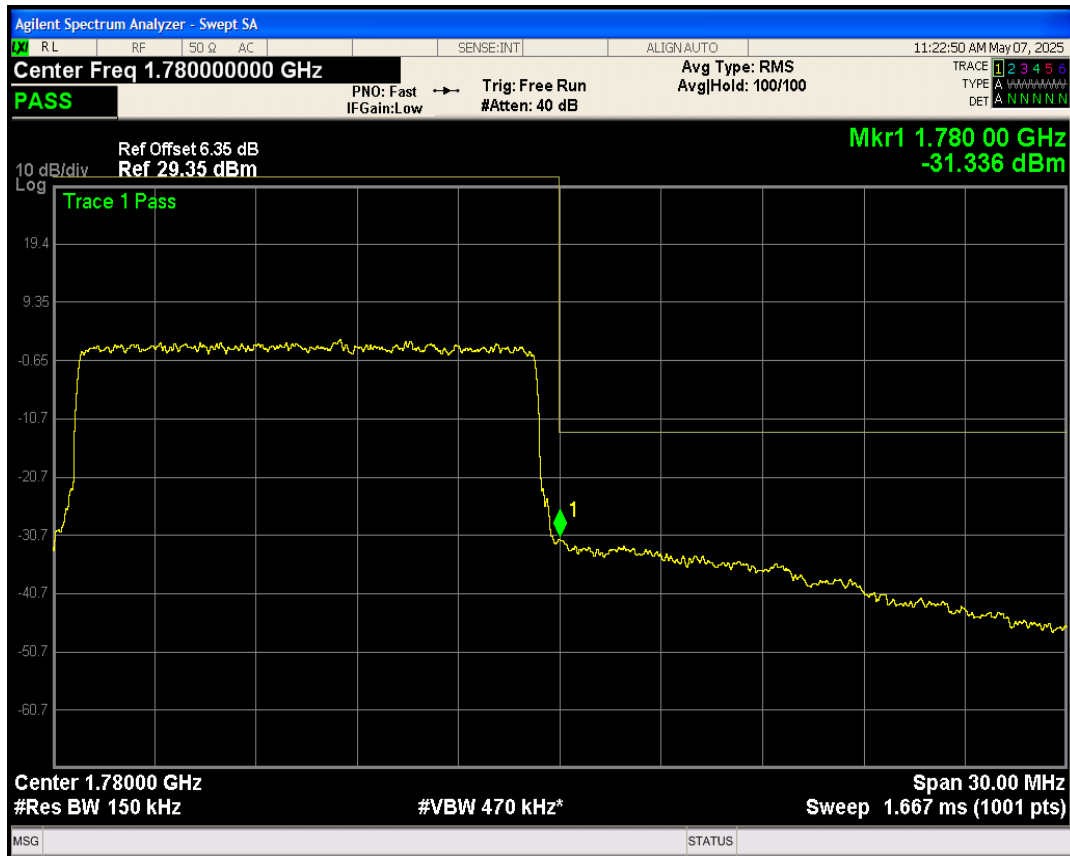




Band66 QPSK BW=15MHz Channel=132597 RB Size=75 Position=#0

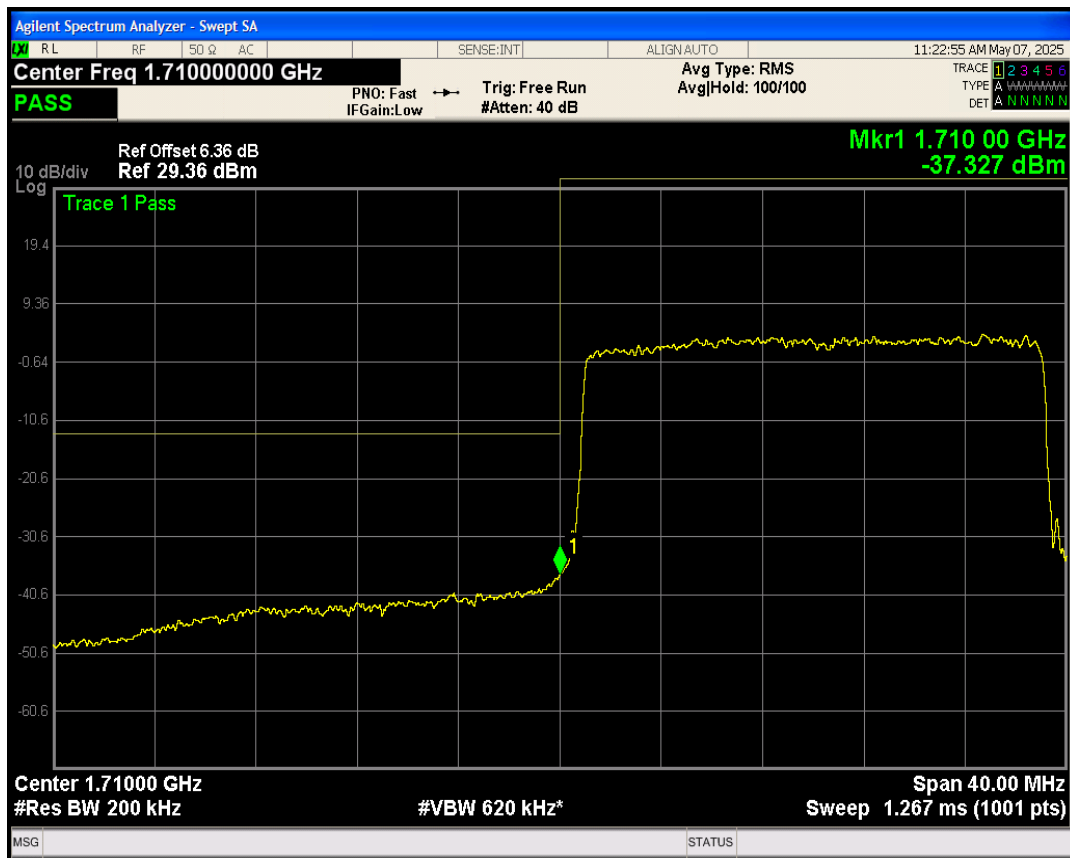


Band66 16QAM BW=15MHz Channel=132597 RB Size=75 Position=#0

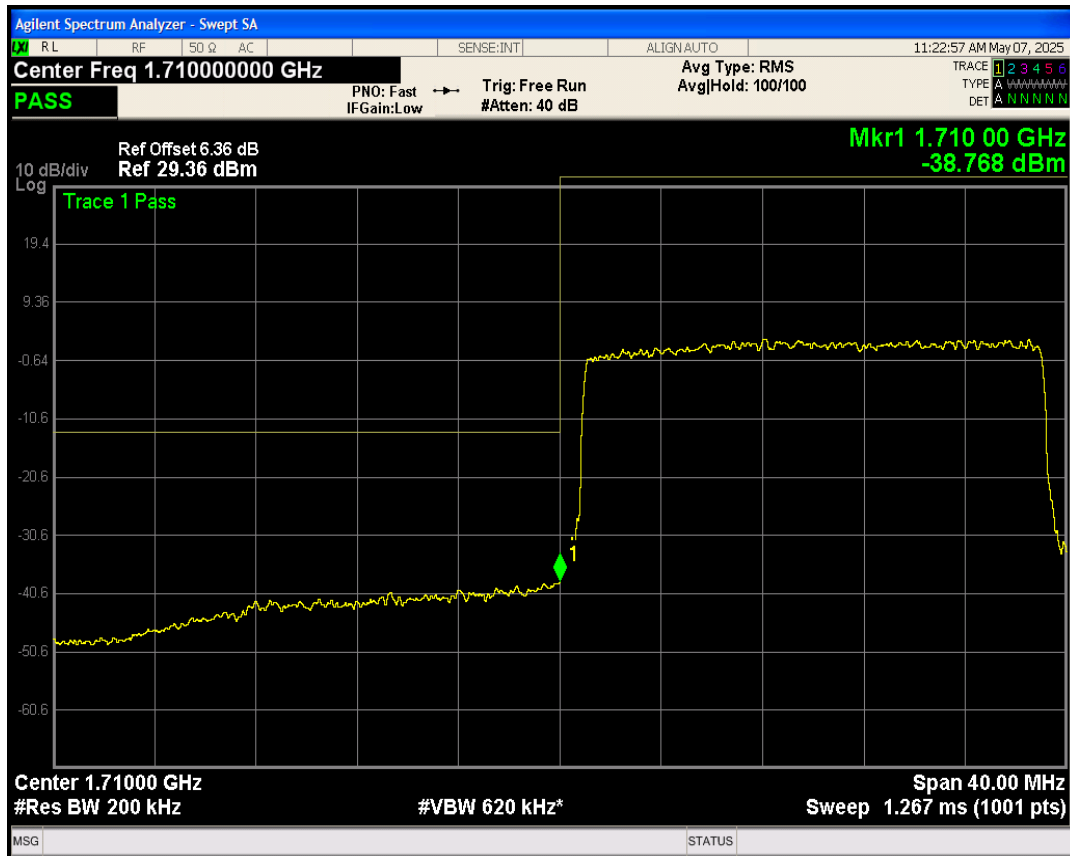




Band66 QPSK BW=20MHz Channel=132072 RB Size=100 Position=#0

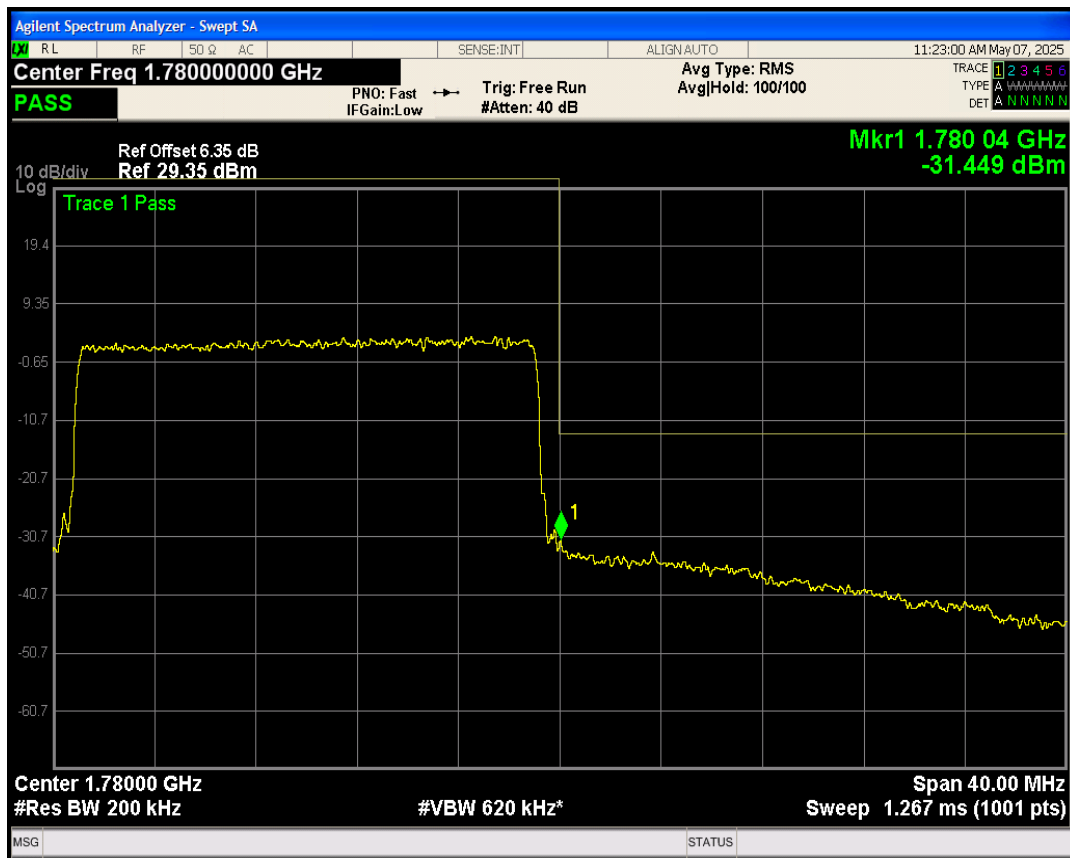


Band66 16QAM BW=20MHz Channel=132072 RB Size=100 Position=#0

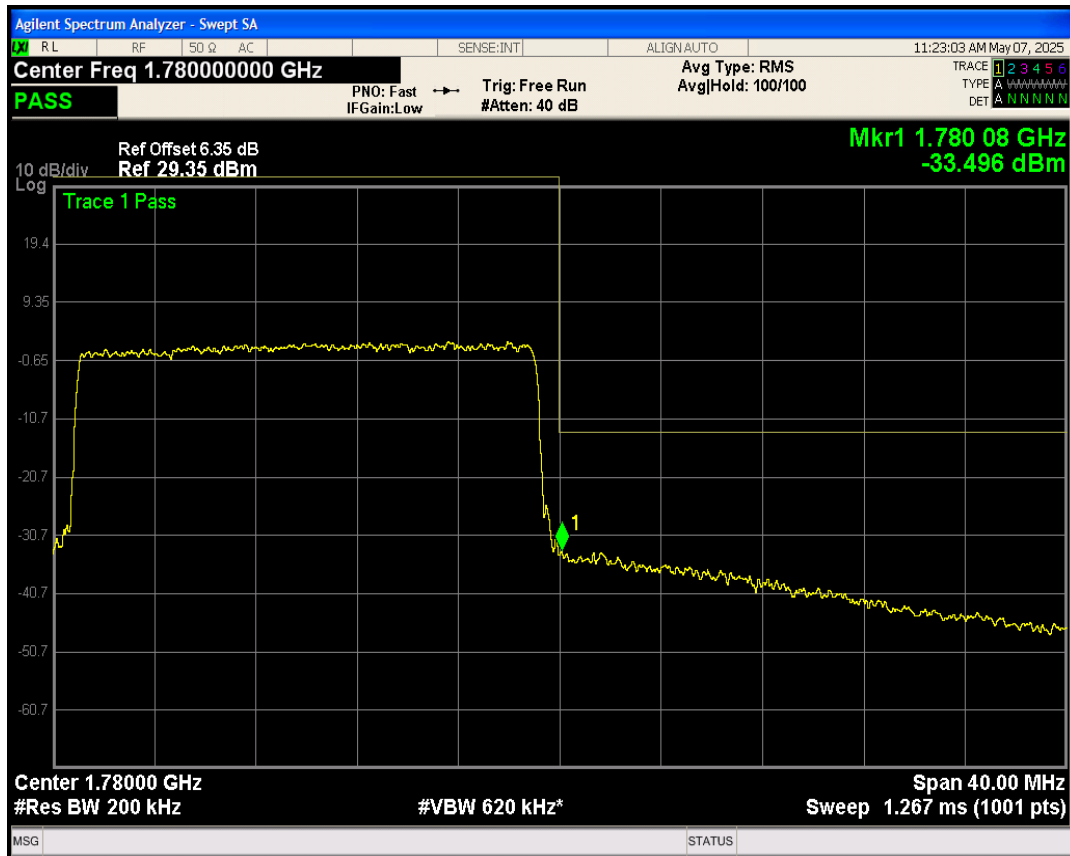




Band66 QPSK BW=20MHz Channel=132572 RB Size=100 Position=#0



Band66 16QAM BW=20MHz Channel=132572 RB Size=100 Position=#0

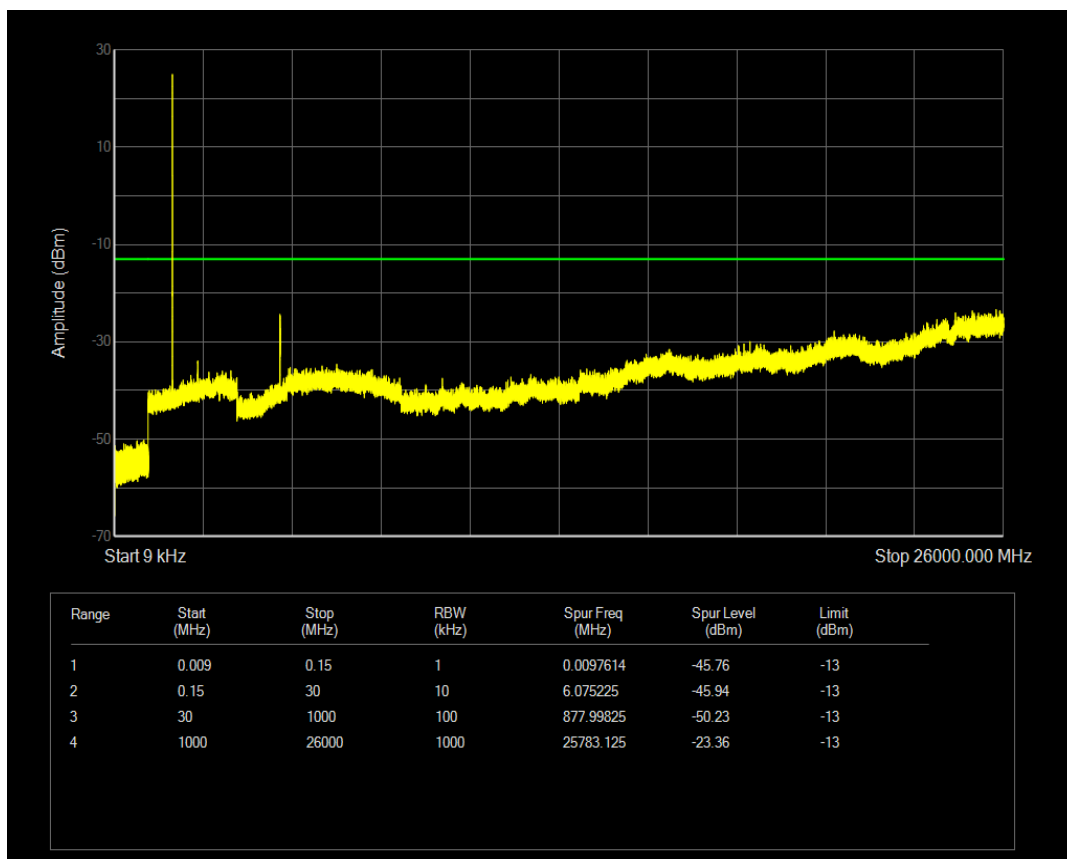


Appendix 6. Out-of-band emissions

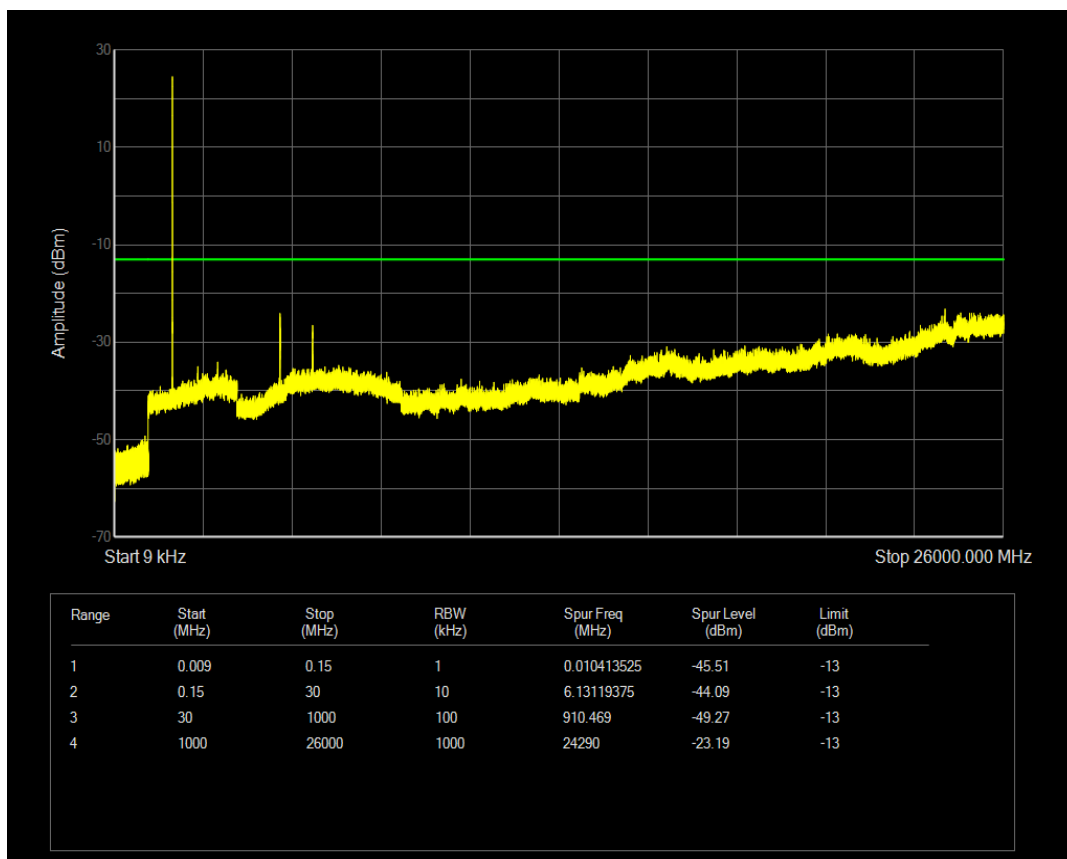
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band66	1.4	131979	6	#0	QPSK	25783.13	-23.36	-13	PASS
Band66	1.4	131979	6	#0	16QAM	24290.00	-23.19	-13	PASS
Band66	1.4	132322	6	#0	QPSK	25970.00	-22.90	-13	PASS
Band66	1.4	132322	6	#0	16QAM	4848.13	-21.72	-13	PASS
Band66	1.4	132665	6	#0	QPSK	25756.25	-23.16	-13	PASS
Band66	1.4	132665	6	#0	16QAM	25777.50	-23.12	-13	PASS
Band66	3	131987	15	#0	QPSK	25116.25	-23.38	-13	PASS
Band66	3	131987	15	#0	16QAM	25658.75	-23.67	-13	PASS
Band66	3	132322	15	#0	QPSK	25838.13	-22.17	-13	PASS
Band66	3	132322	15	#0	16QAM	4850.63	-20.87	-13	PASS
Band66	3	132657	15	#0	QPSK	24725.00	-23.12	-13	PASS
Band66	3	132657	15	#0	16QAM	25991.25	-23.55	-13	PASS
Band66	5	131997	25	#0	QPSK	25854.38	-23.64	-13	PASS
Band66	5	131997	25	#0	16QAM	25139.38	-23.31	-13	PASS
Band66	5	132322	25	#0	QPSK	25944.38	-23.73	-13	PASS
Band66	5	132322	25	#0	16QAM	25585.00	-22.28	-13	PASS
Band66	5	132647	25	#0	QPSK	25767.50	-22.59	-13	PASS
Band66	5	132647	25	#0	16QAM	25773.75	-23.30	-13	PASS
Band66	10	132022	50	#0	QPSK	4860.63	-22.67	-13	PASS
Band66	10	132022	50	#0	16QAM	24698.13	-23.24	-13	PASS
Band66	10	132322	50	#0	QPSK	25862.50	-23.05	-13	PASS
Band66	10	132322	50	#0	16QAM	5505.00	-21.78	-13	PASS
Band66	10	132622	50	#0	QPSK	25075.63	-23.55	-13	PASS
Band66	10	132622	50	#0	16QAM	25312.50	-23.66	-13	PASS
Band66	15	132047	75	#0	QPSK	25545.00	-22.79	-13	PASS
Band66	15	132047	75	#0	16QAM	25645.00	-22.87	-13	PASS
Band66	15	132322	75	#0	QPSK	25836.25	-23.28	-13	PASS
Band66	15	132322	75	#0	16QAM	25471.25	-23.37	-13	PASS
Band66	15	132597	75	#0	QPSK	4860.63	-22.70	-13	PASS
Band66	15	132597	75	#0	16QAM	25153.13	-23.02	-13	PASS
Band66	20	132072	100	#0	QPSK	25160.00	-23.45	-13	PASS
Band66	20	132072	100	#0	16QAM	25607.50	-23.36	-13	PASS
Band66	20	132322	100	#0	QPSK	4860.00	-22.87	-13	PASS
Band66	20	132322	100	#0	16QAM	25386.25	-23.58	-13	PASS
Band66	20	132572	100	#0	QPSK	4858.13	-22.21	-13	PASS
Band66	20	132572	100	#0	16QAM	25410.00	-24.04	-13	PASS



Band66 QPSK BW=1.4MHz Channel=131979 RB Size=6 Position=#0

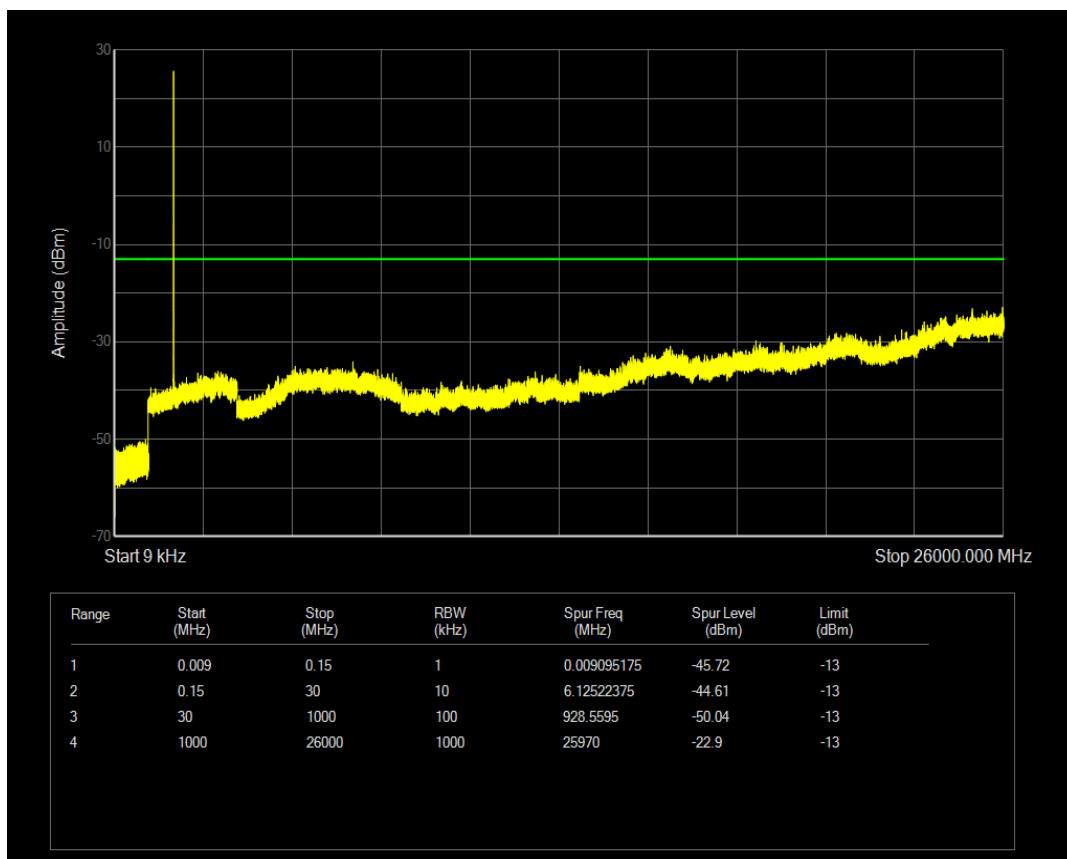


Band66 16QAM BW=1.4MHz Channel=131979 RB Size=6 Position=#0

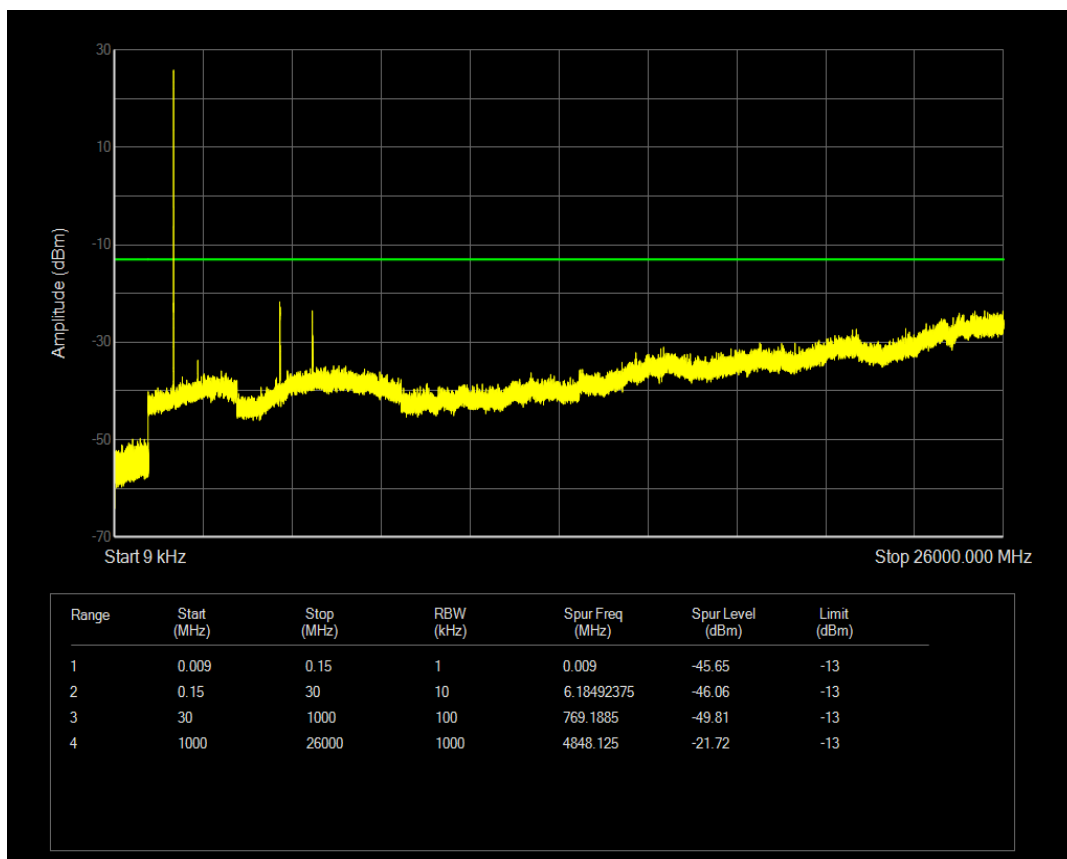




Band66 QPSK BW=1.4MHz Channel=132322 RB Size=6 Position=#0

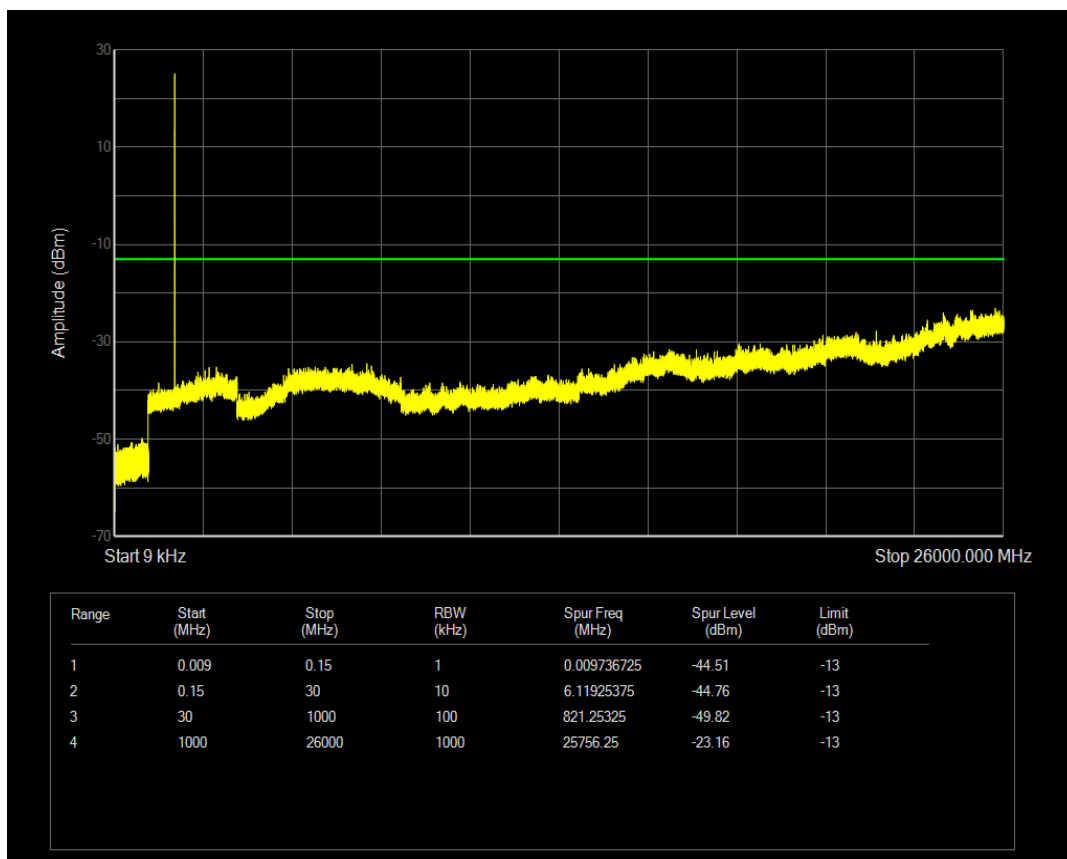


Band66 16QAM BW=1.4MHz Channel=132322 RB Size=6 Position=#0

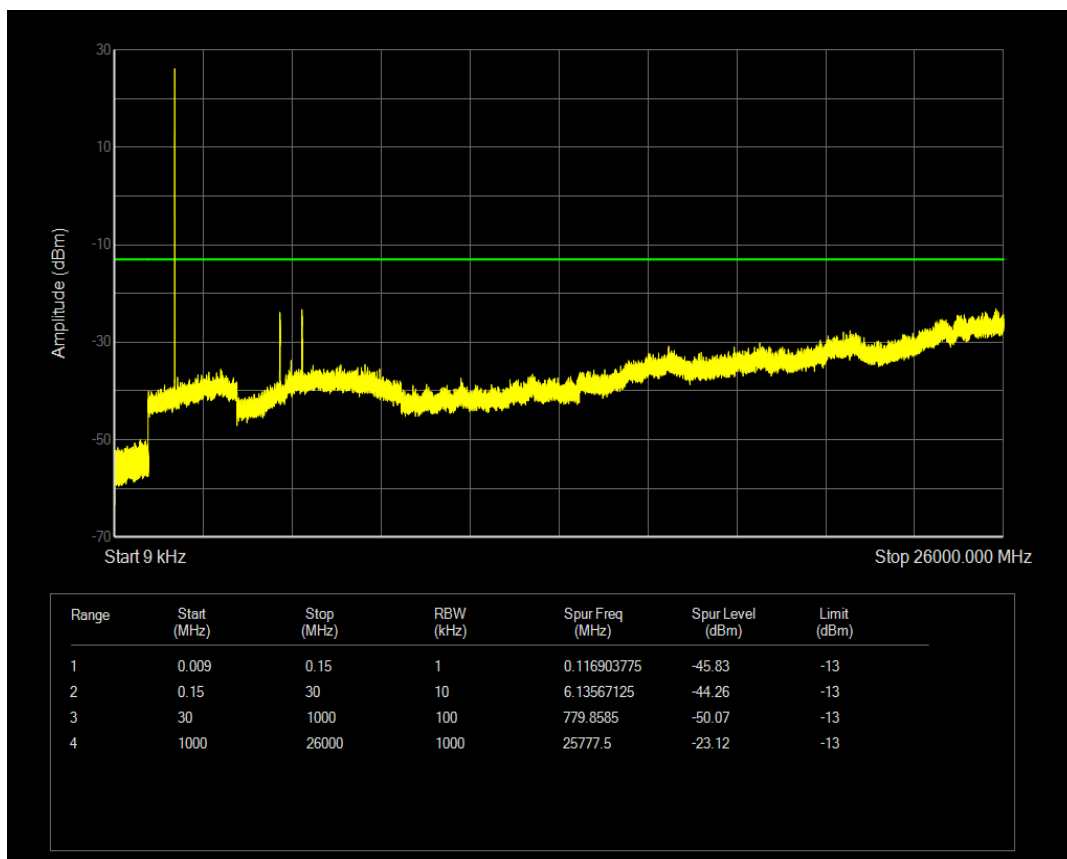




Band66 QPSK BW=1.4MHz Channel=132665 RB Size=6 Position=#0

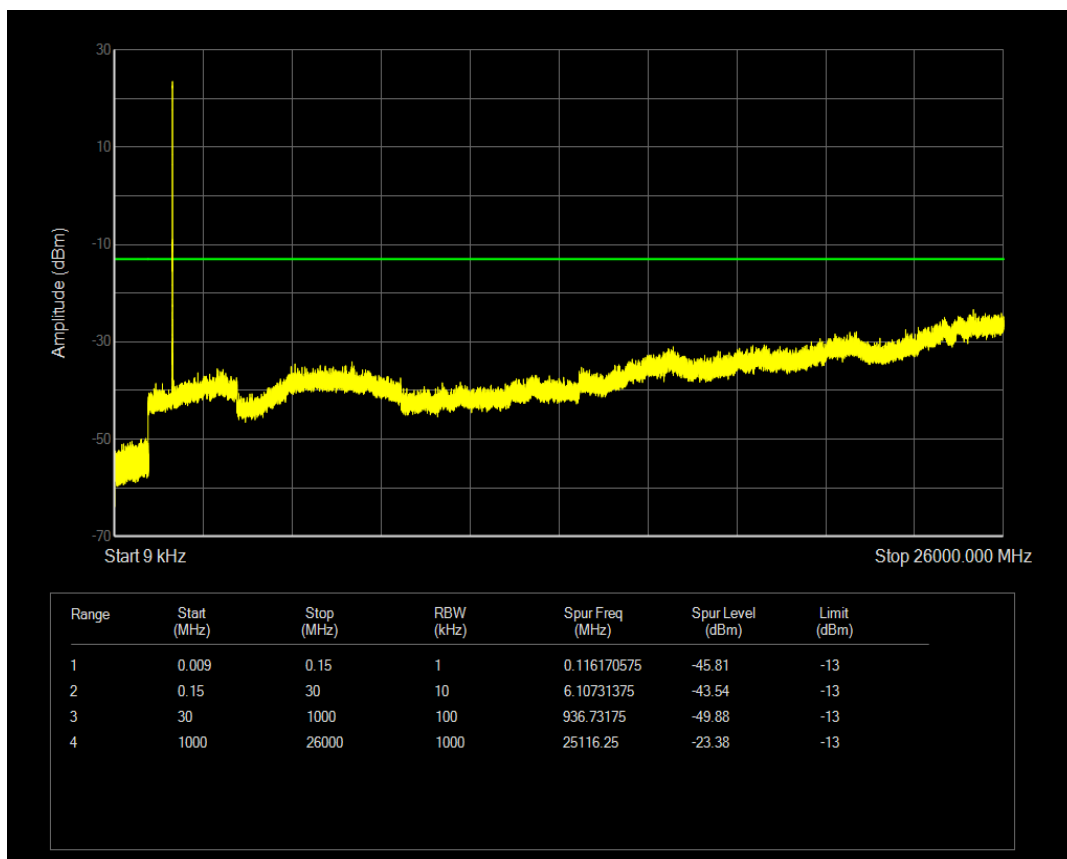


Band66 16QAM BW=1.4MHz Channel=132665 RB Size=6 Position=#0

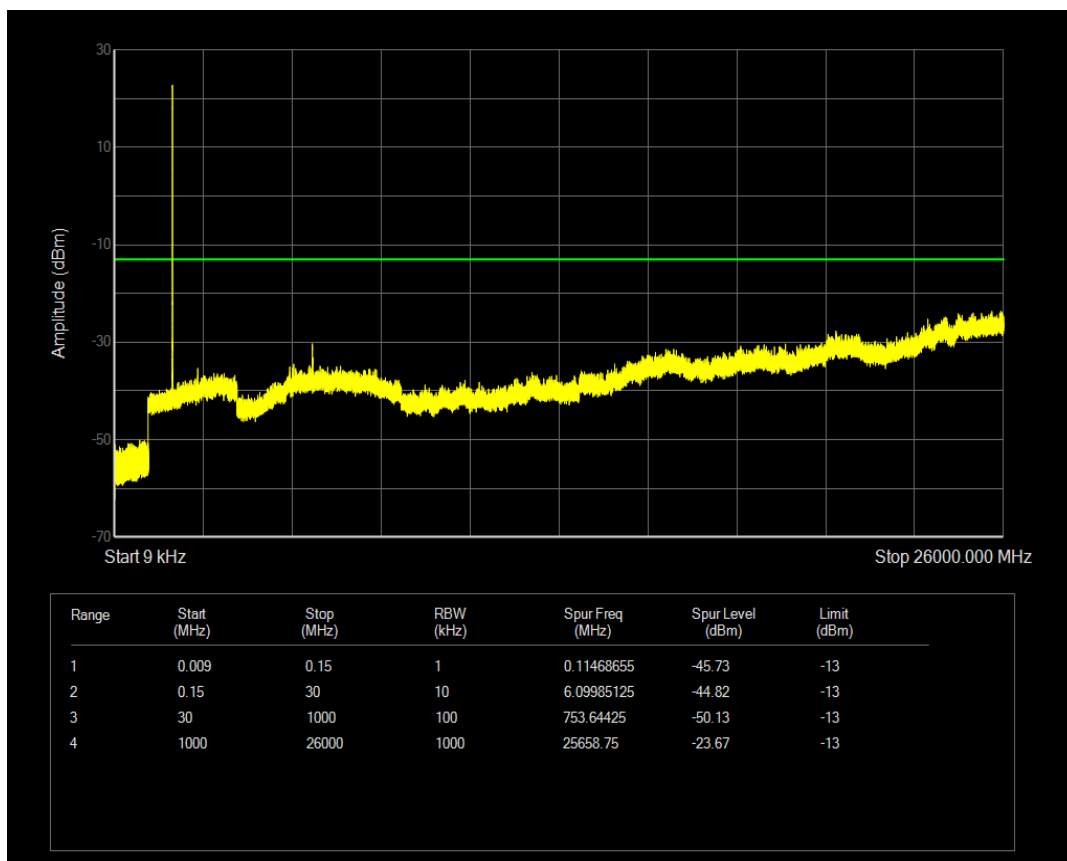




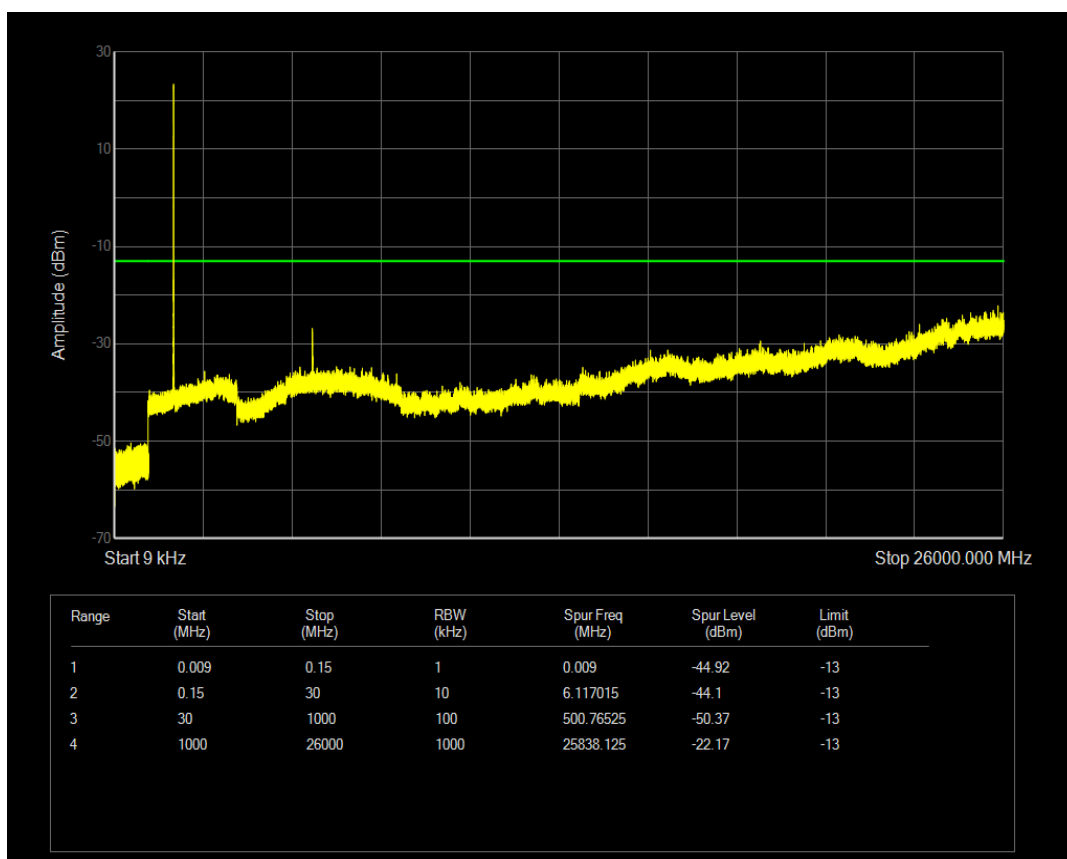
Band66 QPSK BW=3MHz Channel=131987 RB Size=15 Position=#0



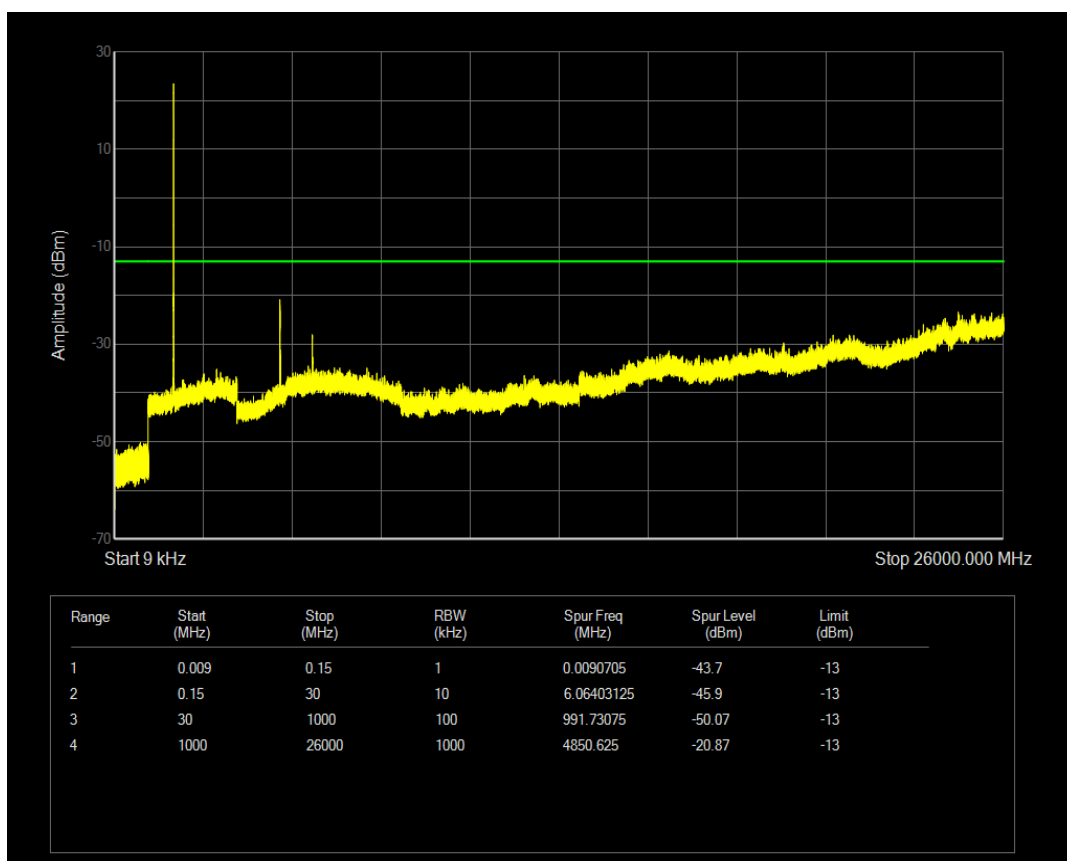
Band66 16QAM BW=3MHz Channel=131987 RB Size=15 Position=#0



Band66 QPSK BW=3MHz Channel=132322 RB Size=15 Position=#0

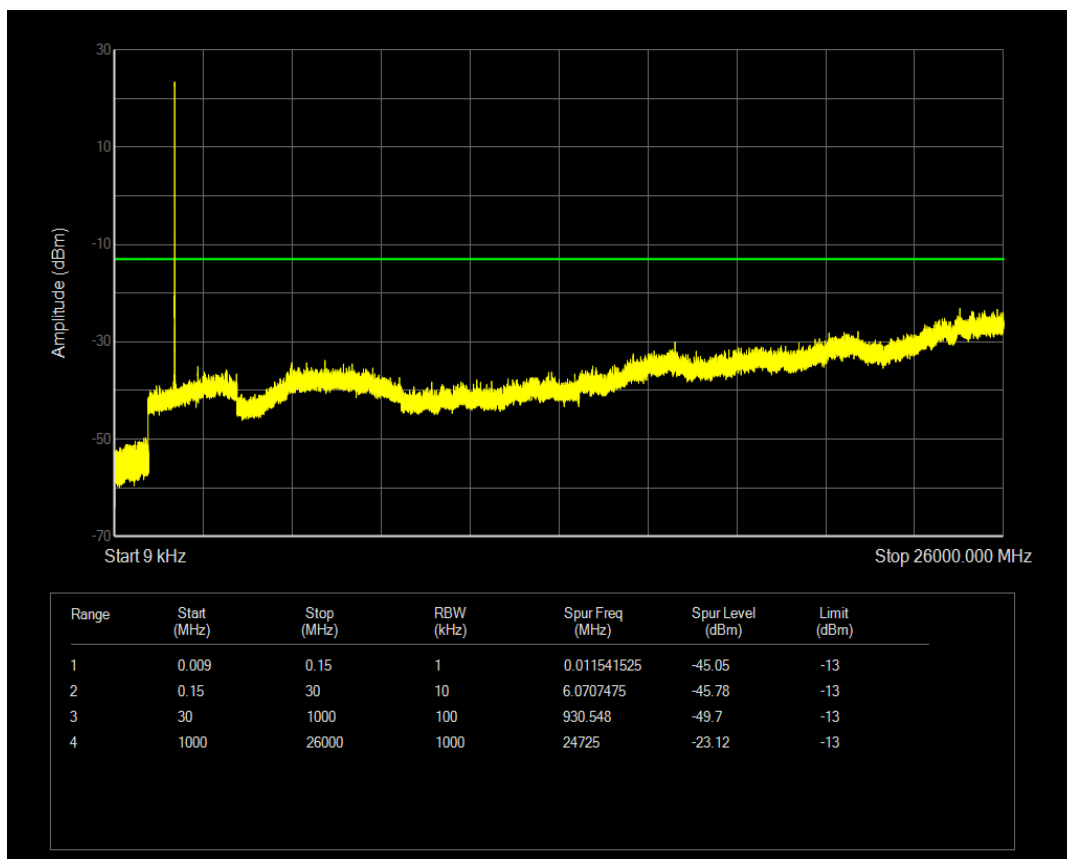


Band66 16QAM BW=3MHz Channel=132322 RB Size=15 Position=#0

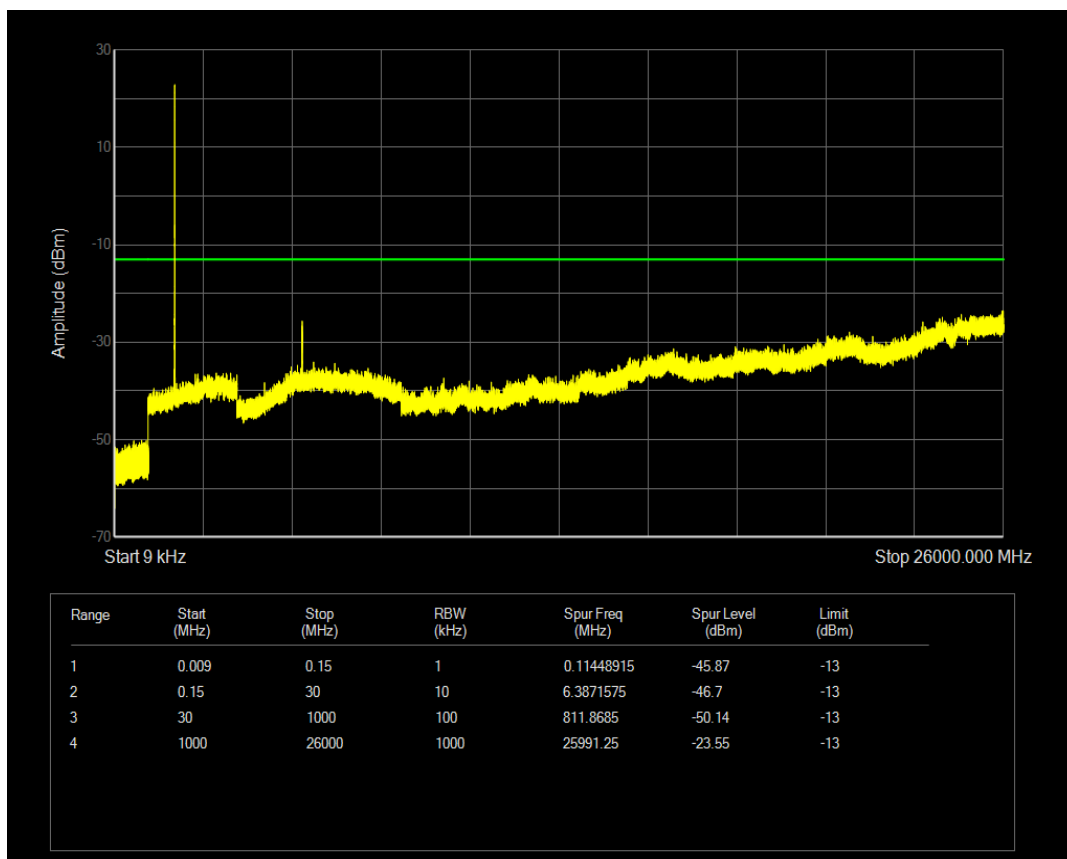




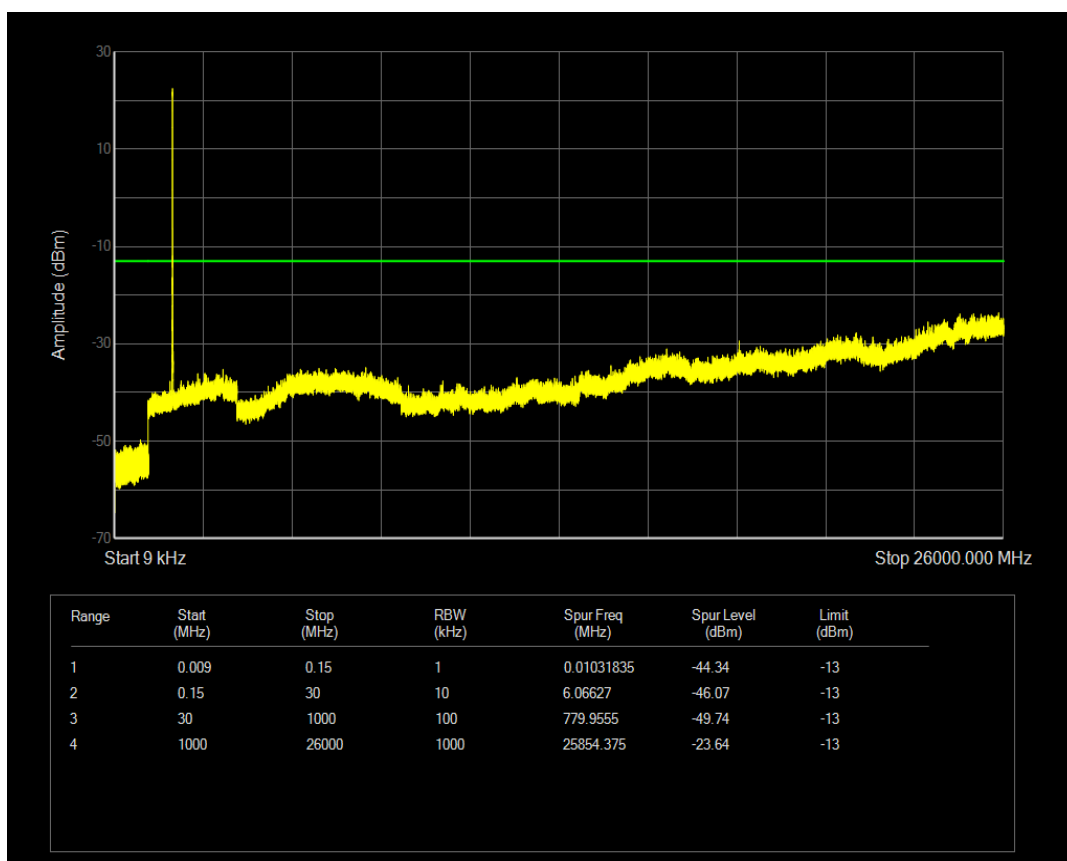
Band66 QPSK BW=3MHz Channel=132657 RB Size=15 Position=#0



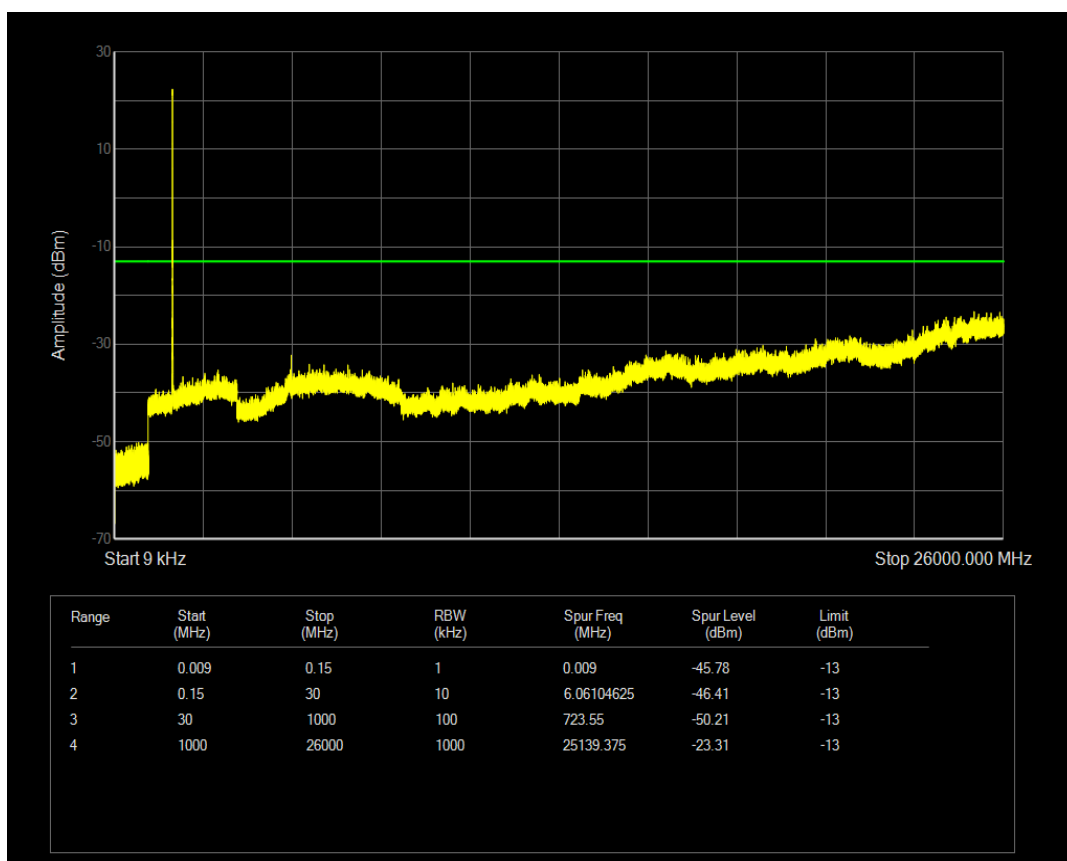
Band66 16QAM BW=3MHz Channel=132657 RB Size=15 Position=#0



Band66 QPSK BW=5MHz Channel=131997 RB Size=25 Position=#0

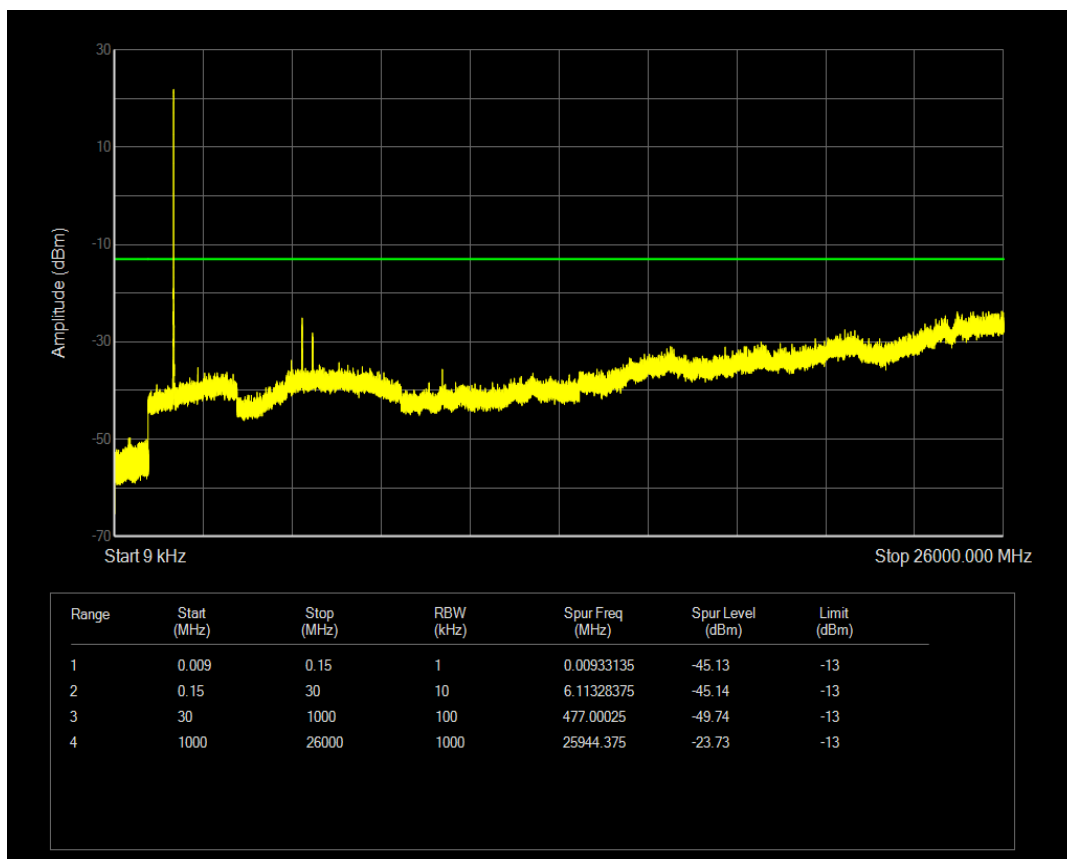


Band66 16QAM BW=5MHz Channel=131997 RB Size=25 Position=#0

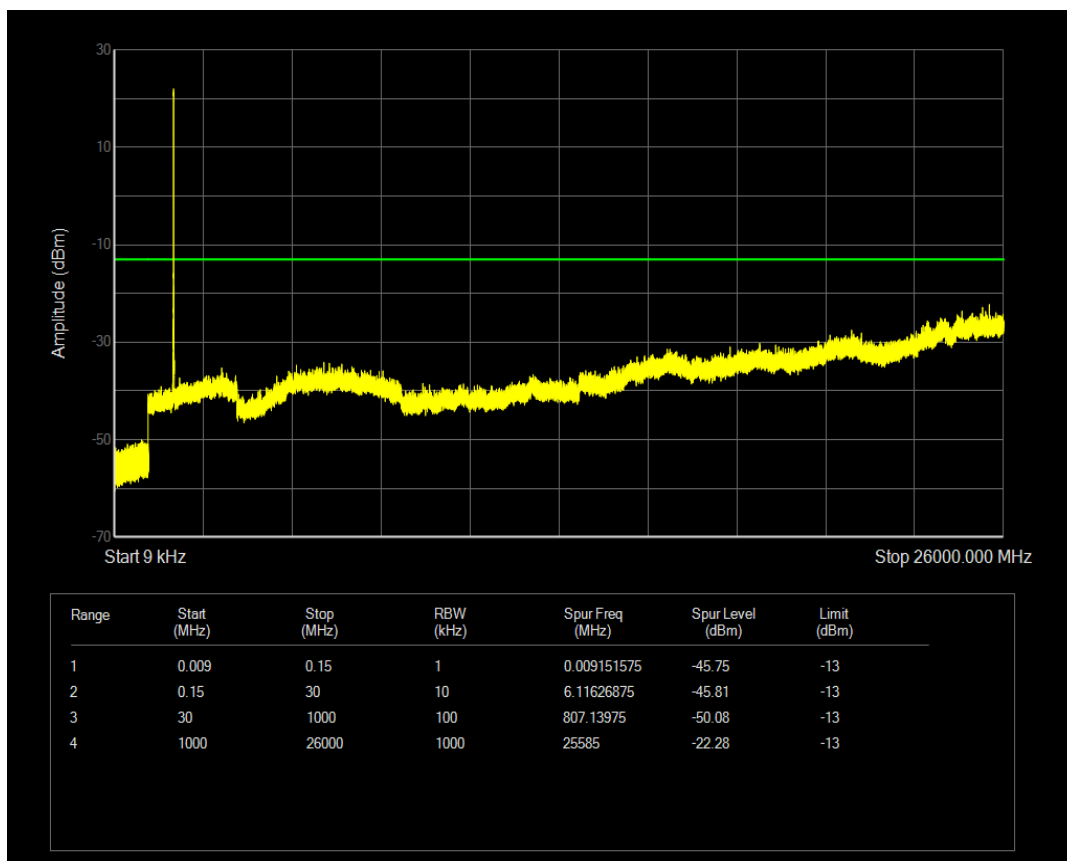




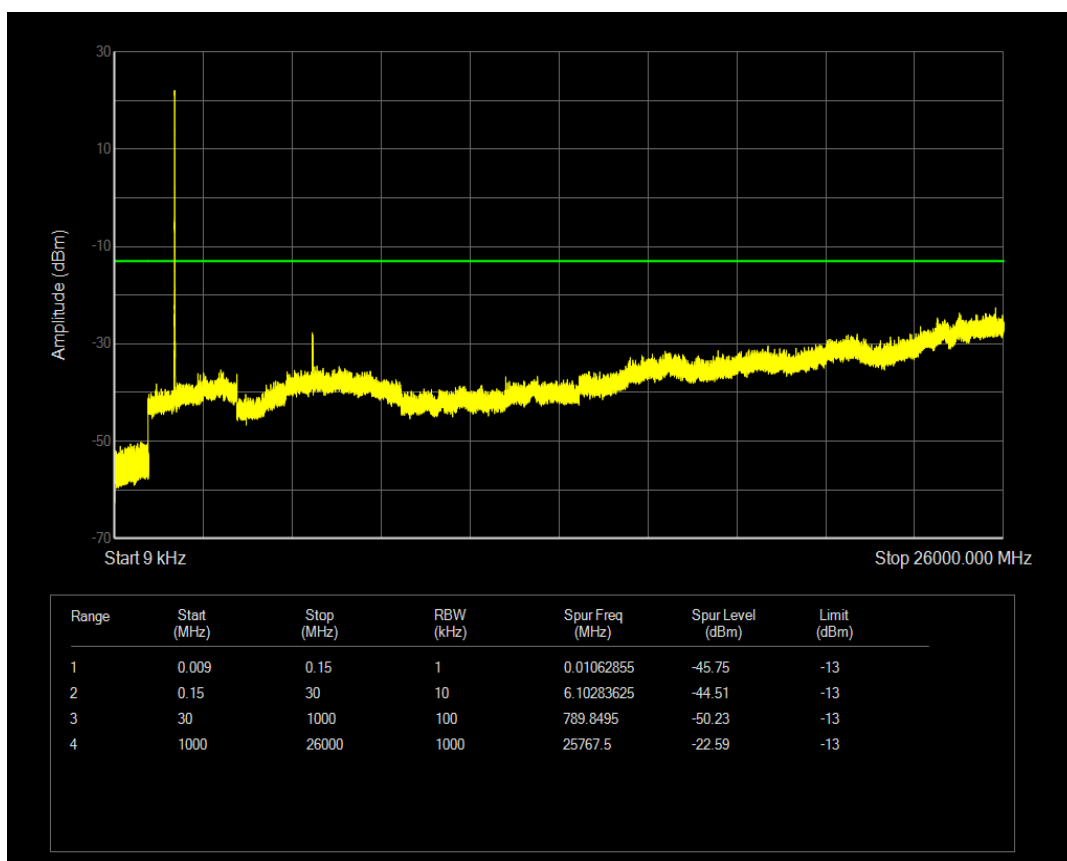
Band66 QPSK BW=5MHz Channel=132322 RB Size=25 Position=#0



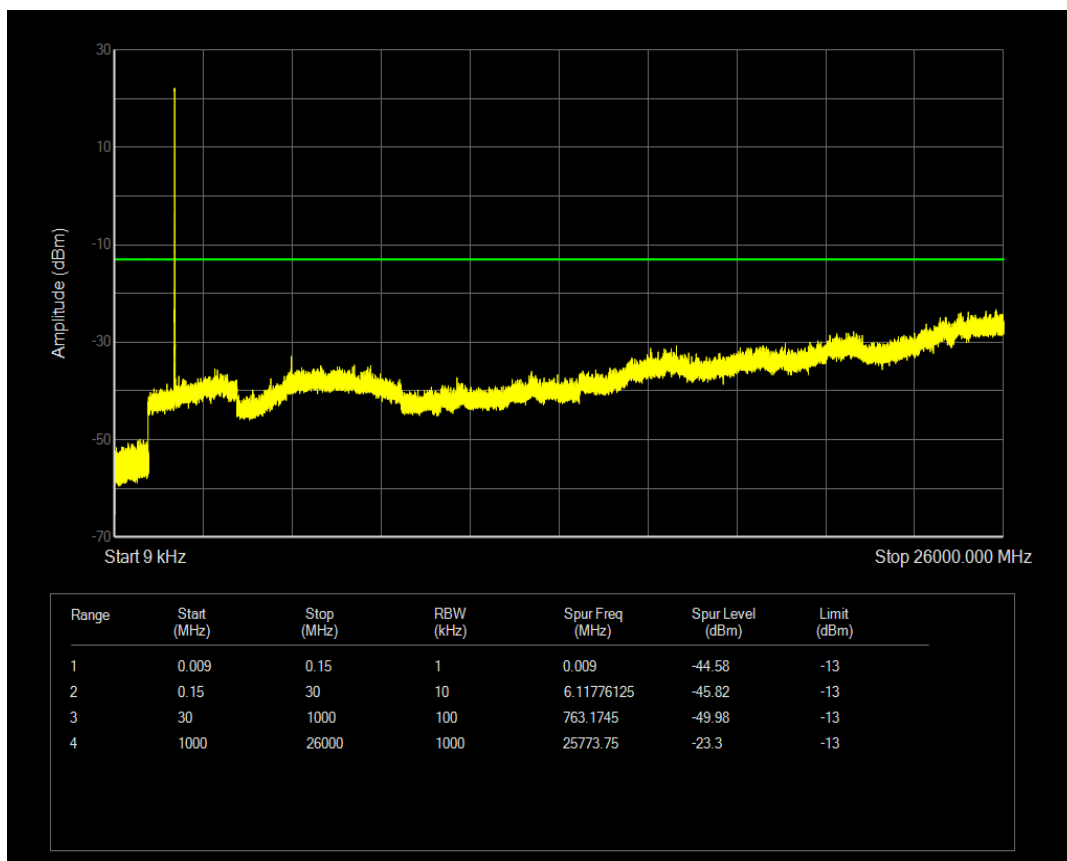
Band66 16QAM BW=5MHz Channel=132322 RB Size=25 Position=#0



Band66 QPSK BW=5MHz Channel=132647 RB Size=25 Position=#0

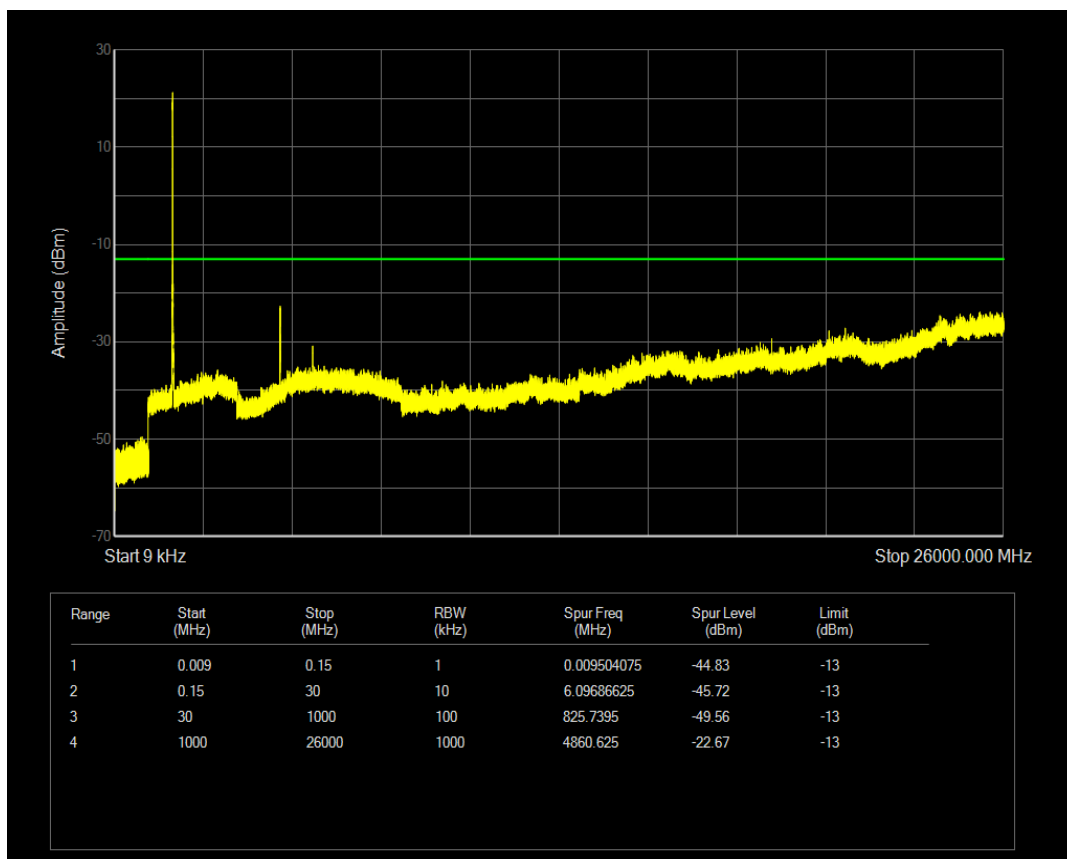


Band66 16QAM BW=5MHz Channel=132647 RB Size=25 Position=#0

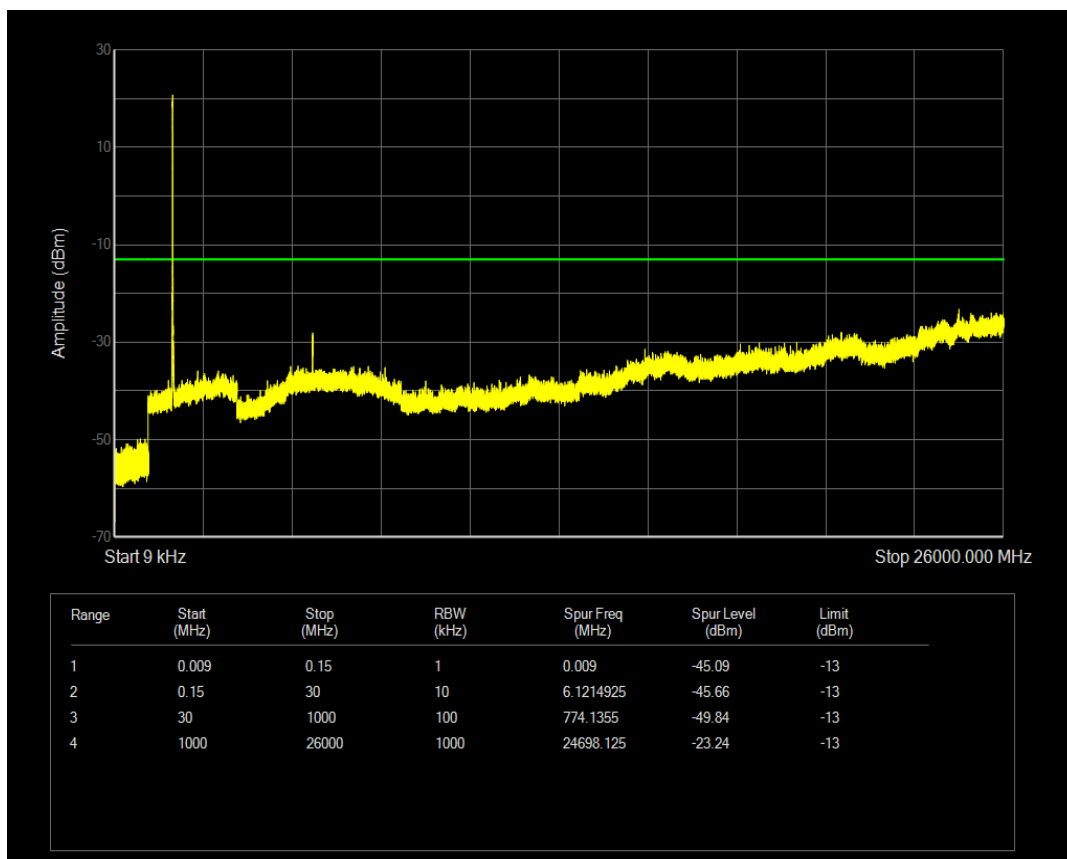




Band66 QPSK BW=10MHz Channel=132022 RB Size=50 Position=#0

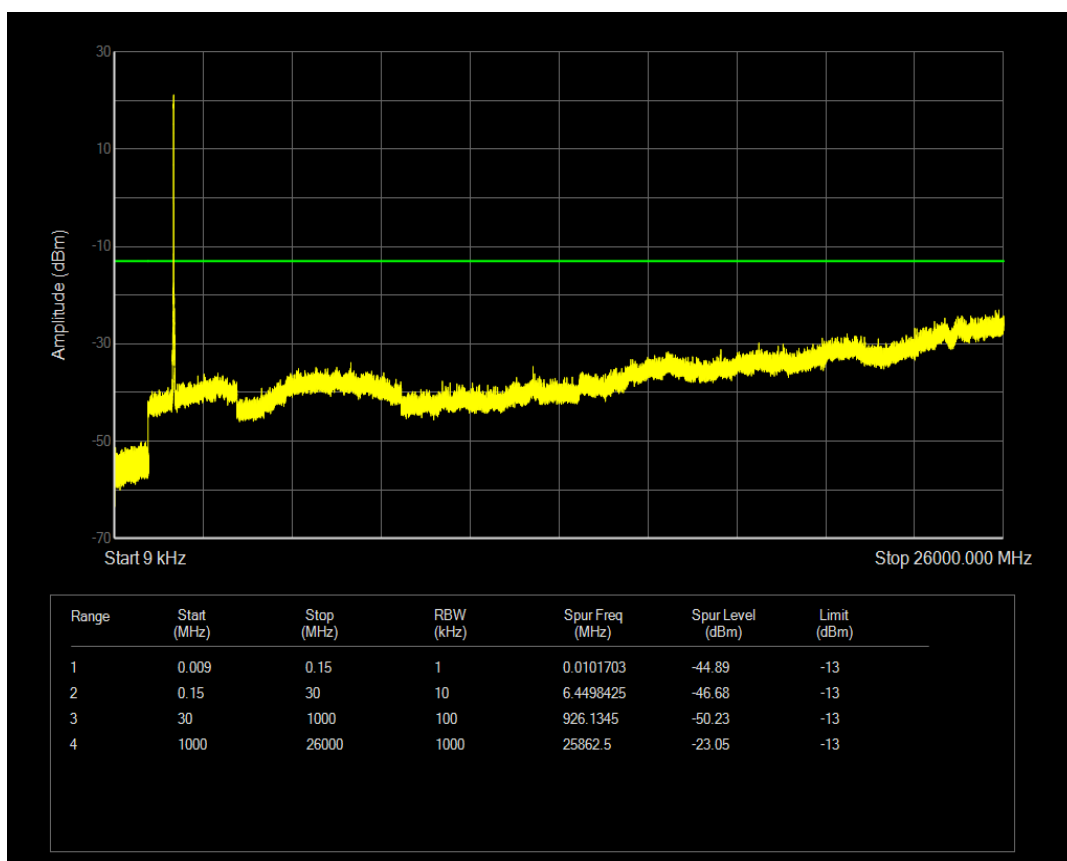


Band66 16QAM BW=10MHz Channel=132022 RB Size=50 Position=#0

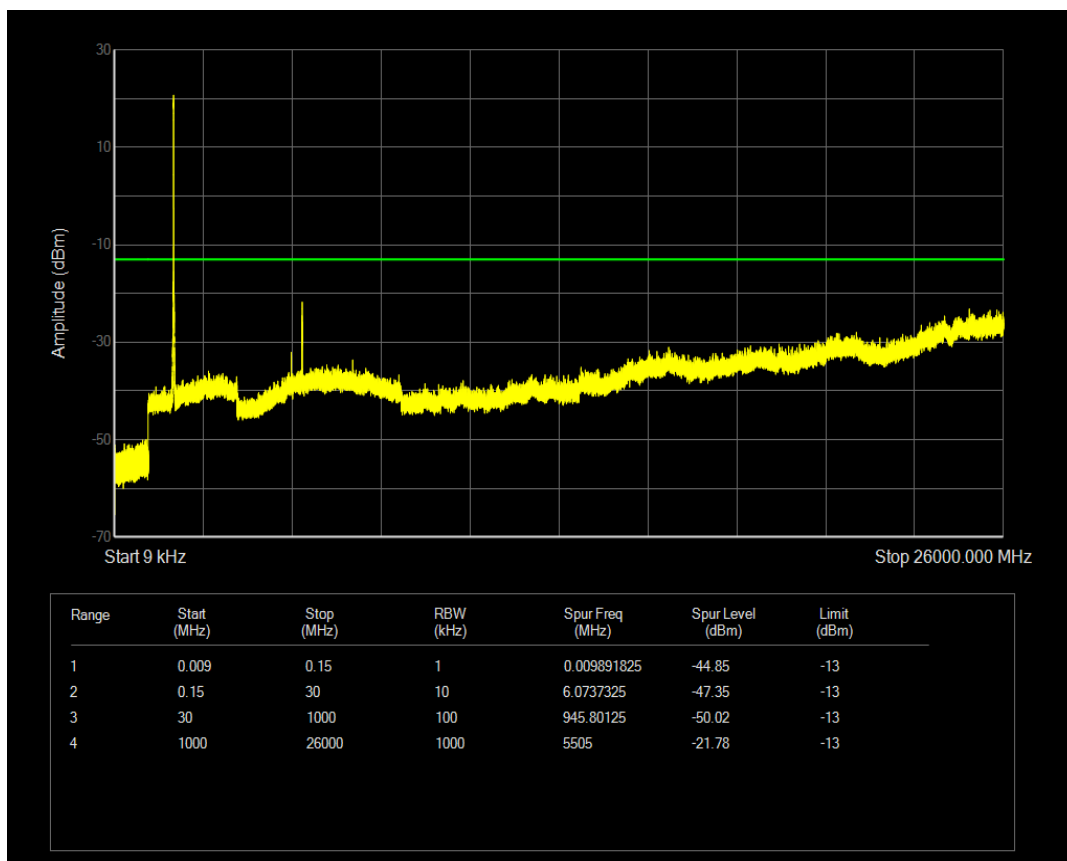




Band66 QPSK BW=10MHz Channel=132322 RB Size=50 Position=#0

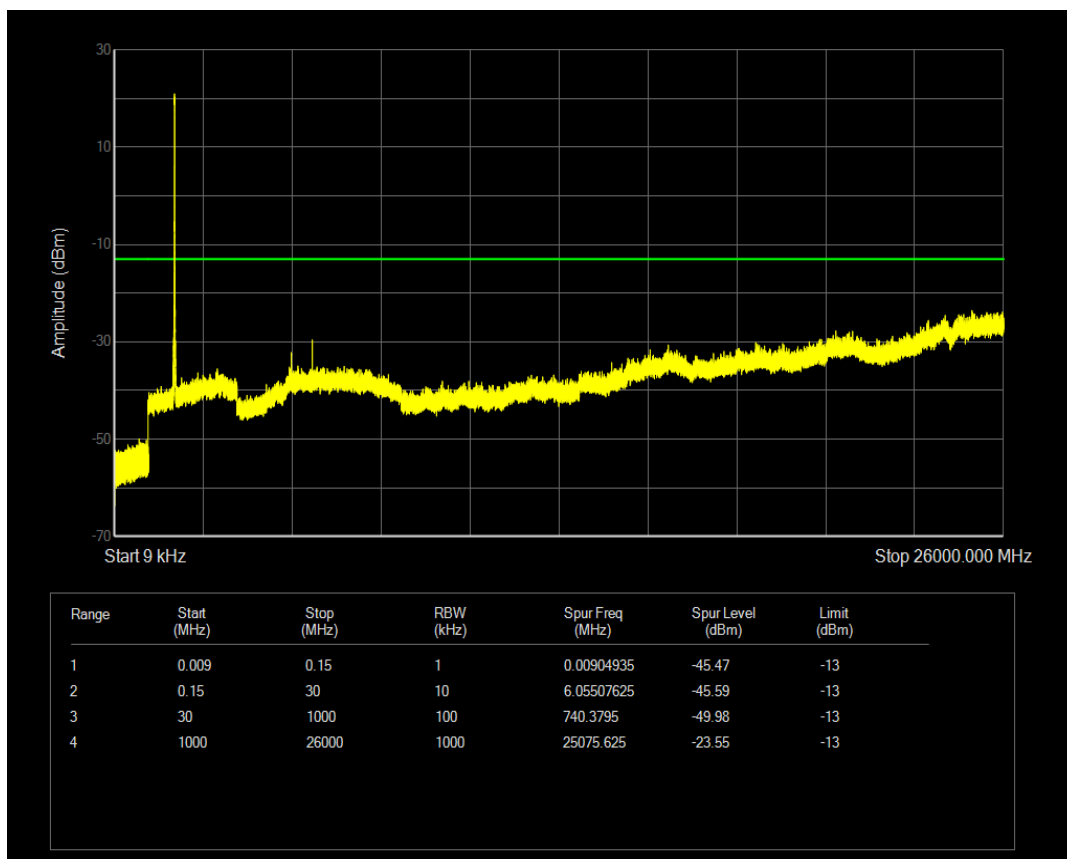


Band66 16QAM BW=10MHz Channel=132322 RB Size=50 Position=#0

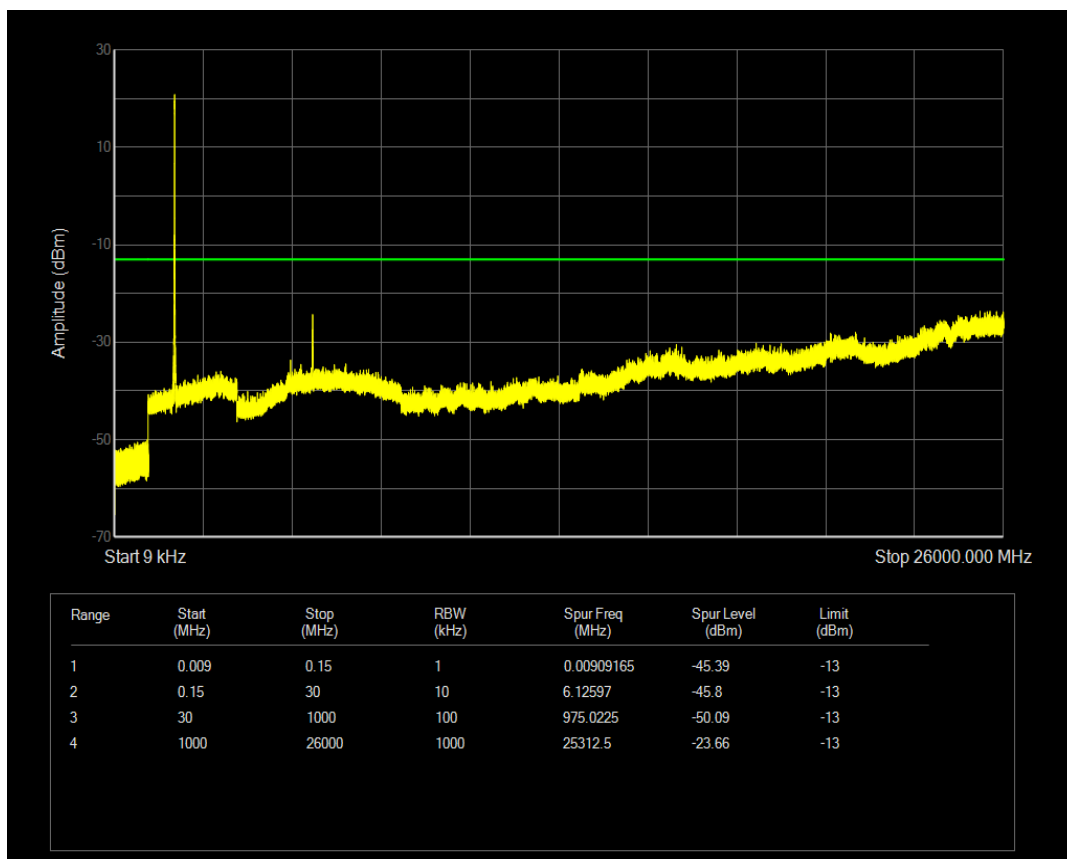




Band66 QPSK BW=10MHz Channel=132622 RB Size=50 Position=#0

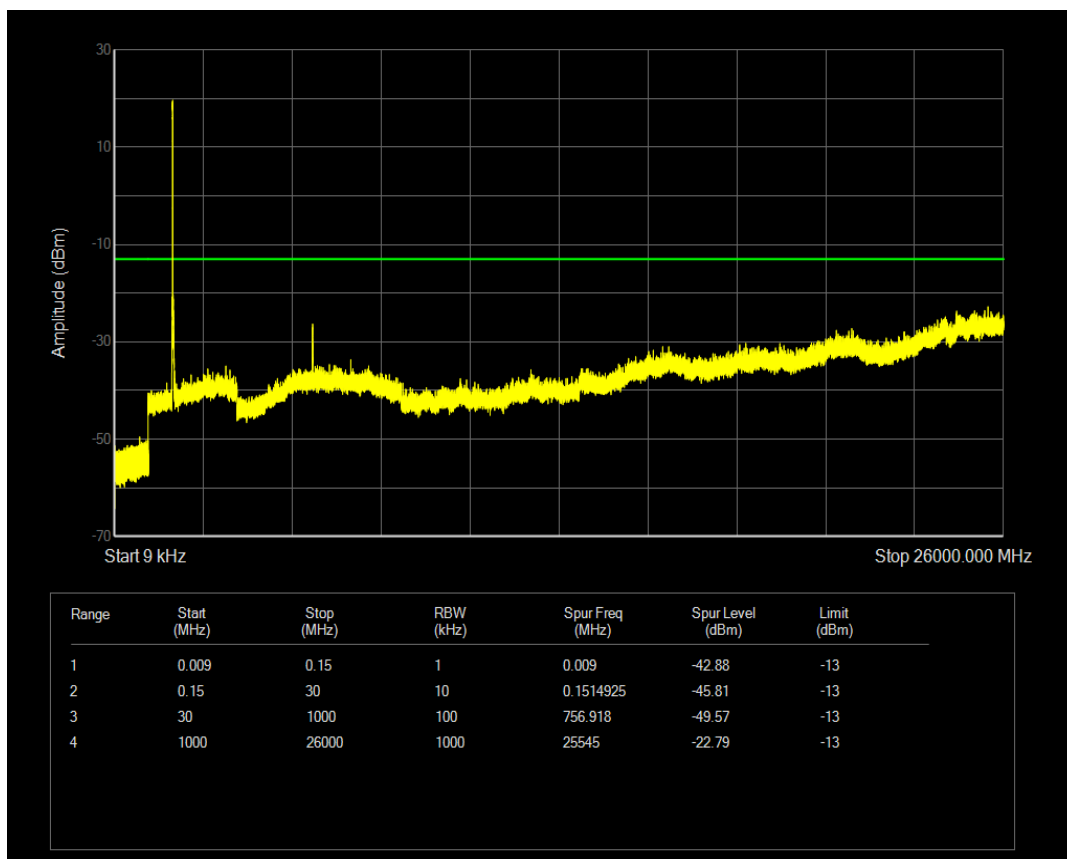


Band66 16QAM BW=10MHz Channel=132622 RB Size=50 Position=#0

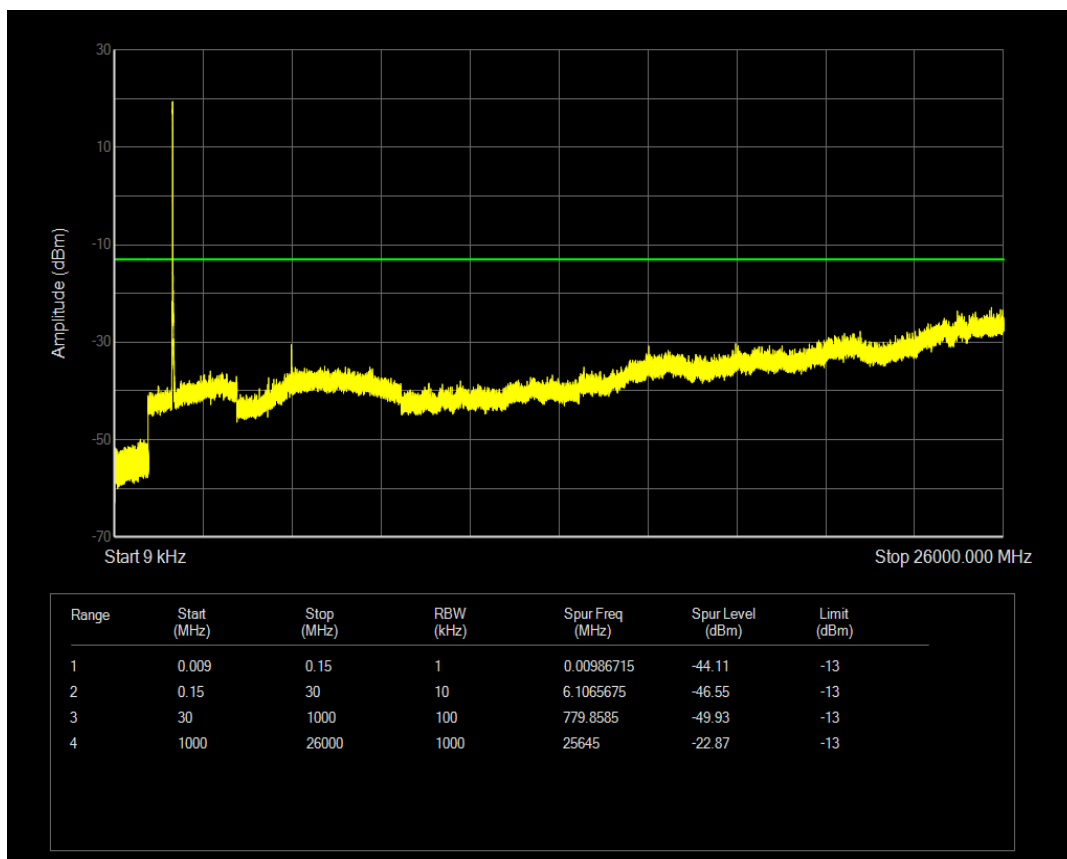




Band66 QPSK BW=15MHz Channel=132047 RB Size=75 Position=#0

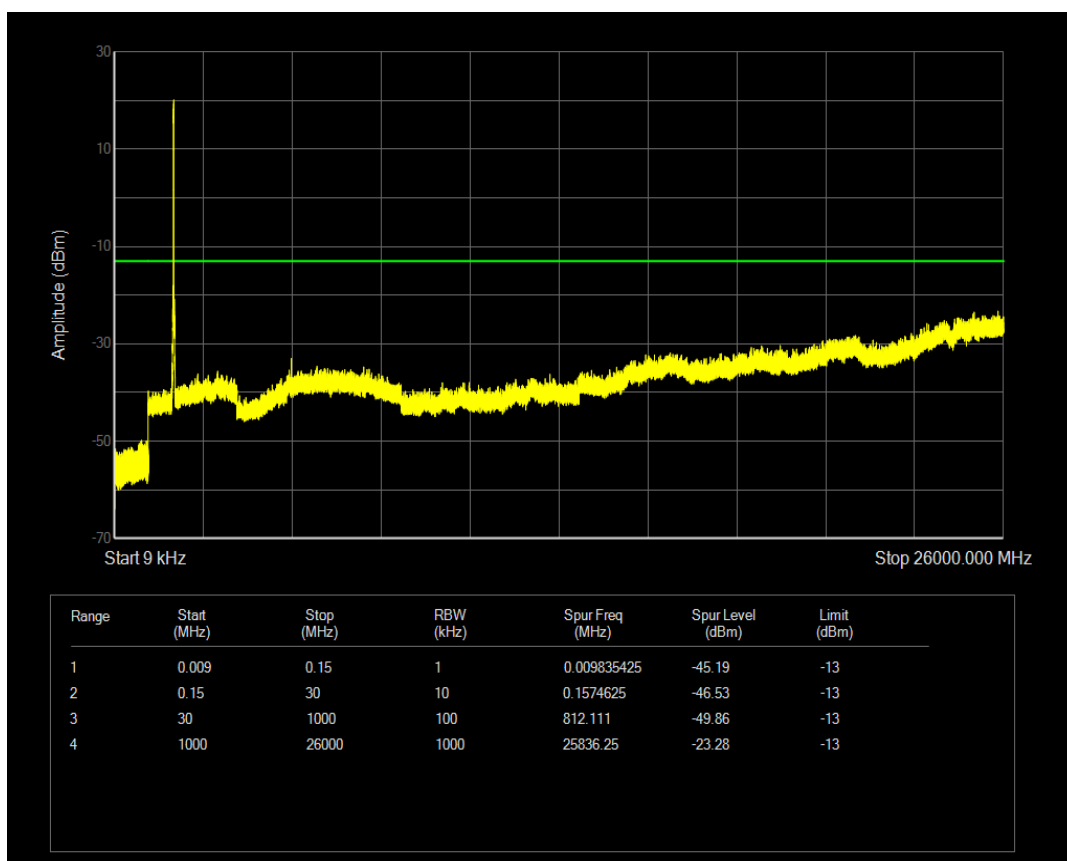


Band66 16QAM BW=15MHz Channel=132047 RB Size=75 Position=#0

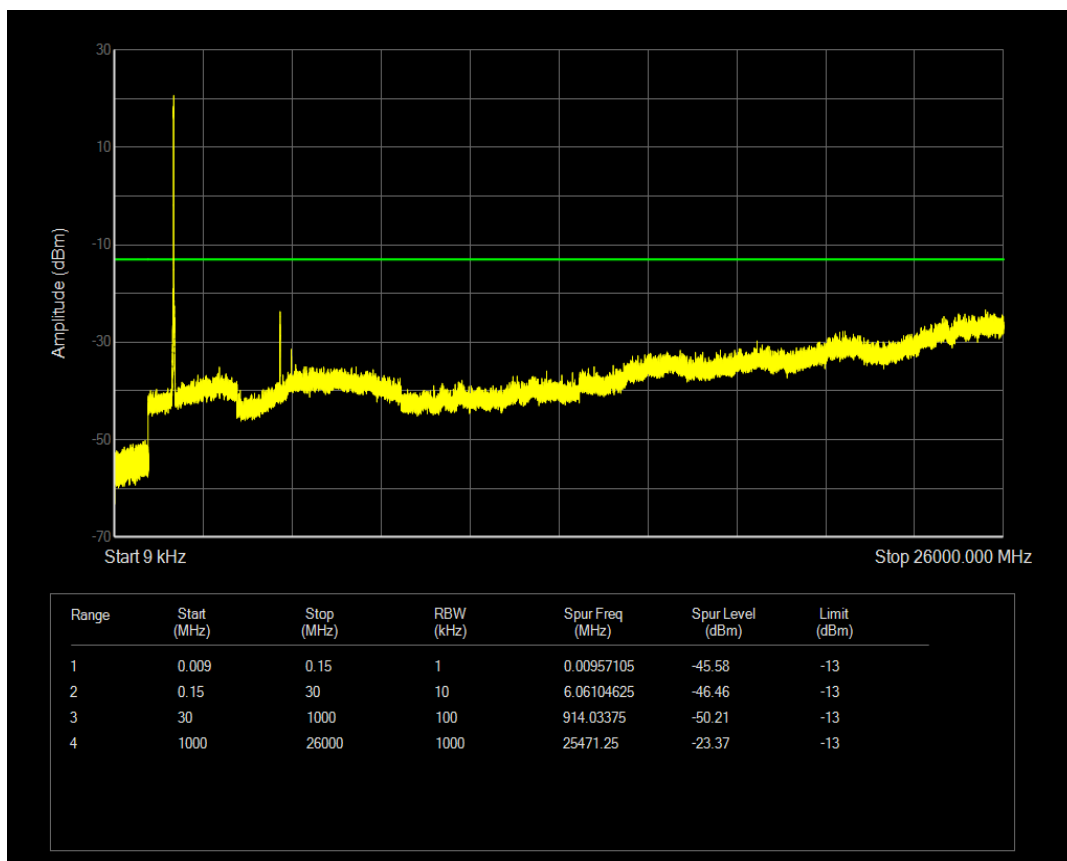




Band66 QPSK BW=15MHz Channel=132322 RB Size=75 Position=#0

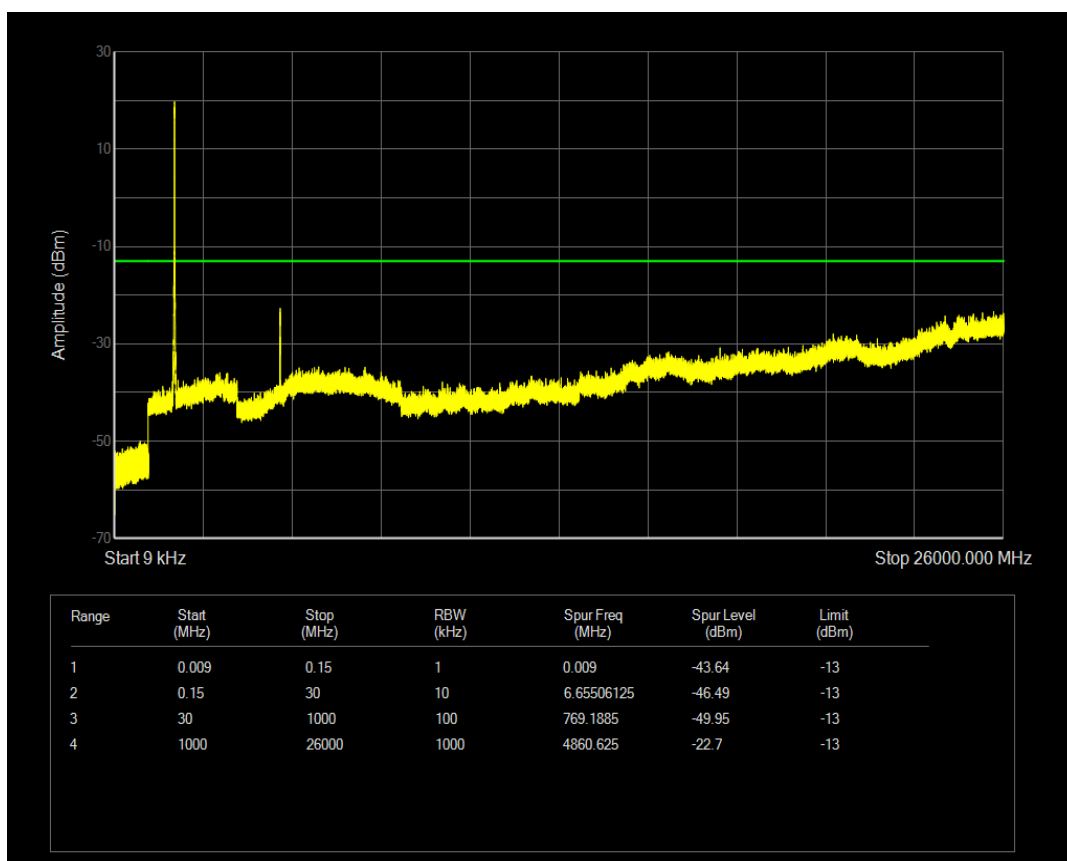


Band66 16QAM BW=15MHz Channel=132322 RB Size=75 Position=#0

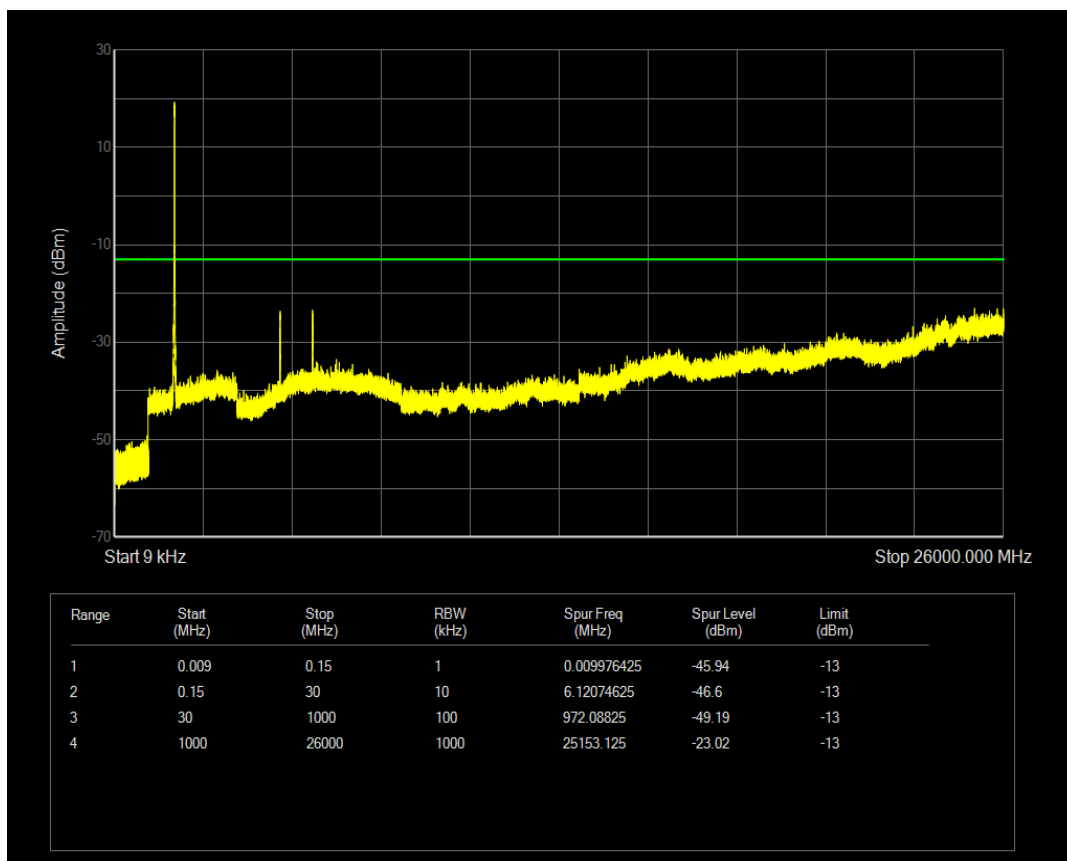




Band66 QPSK BW=15MHz Channel=132597 RB Size=75 Position=#0

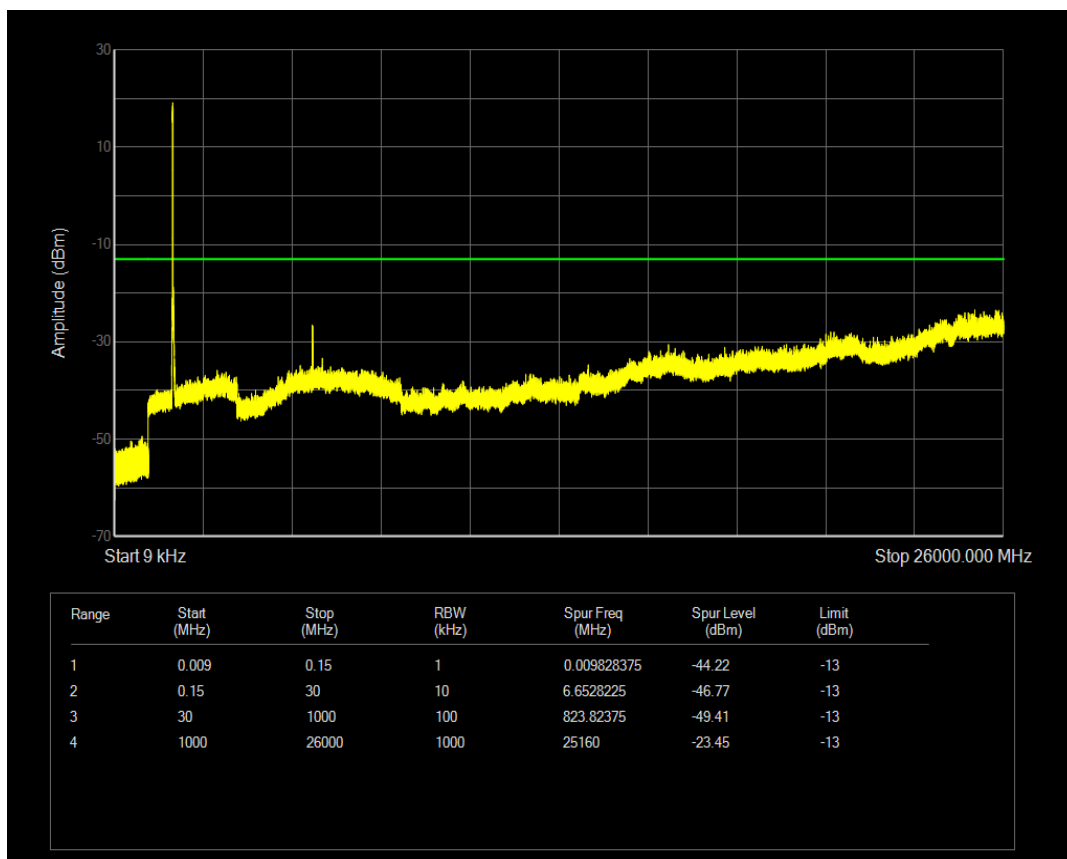


Band66 16QAM BW=15MHz Channel=132597 RB Size=75 Position=#0

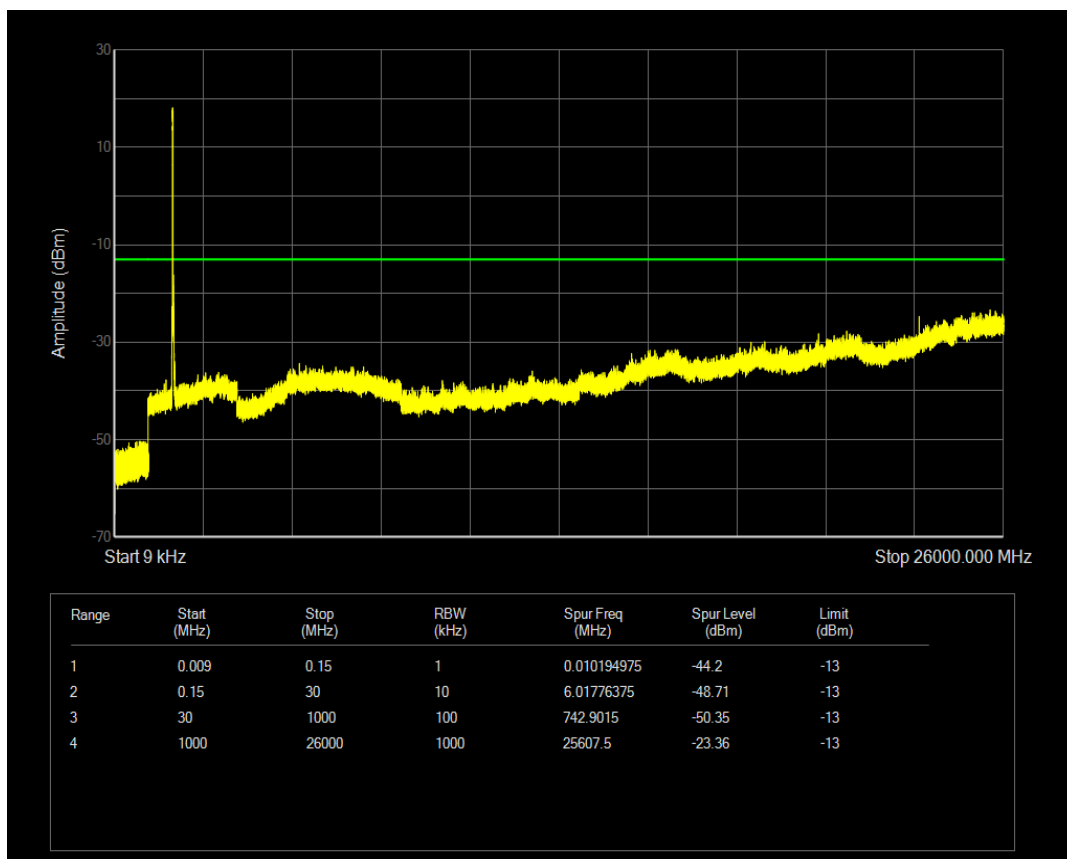




Band66 QPSK BW=20MHz Channel=132072 RB Size=100 Position=#0

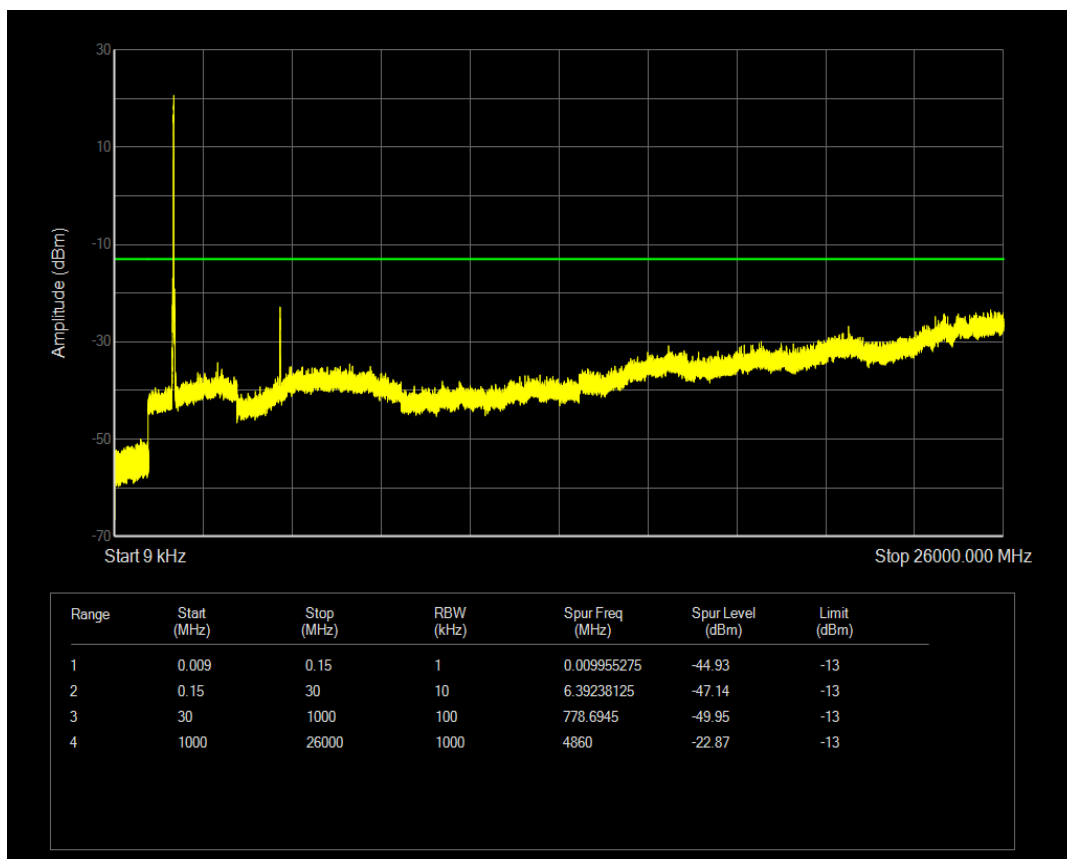


Band66 16QAM BW=20MHz Channel=132072 RB Size=100 Position=#0

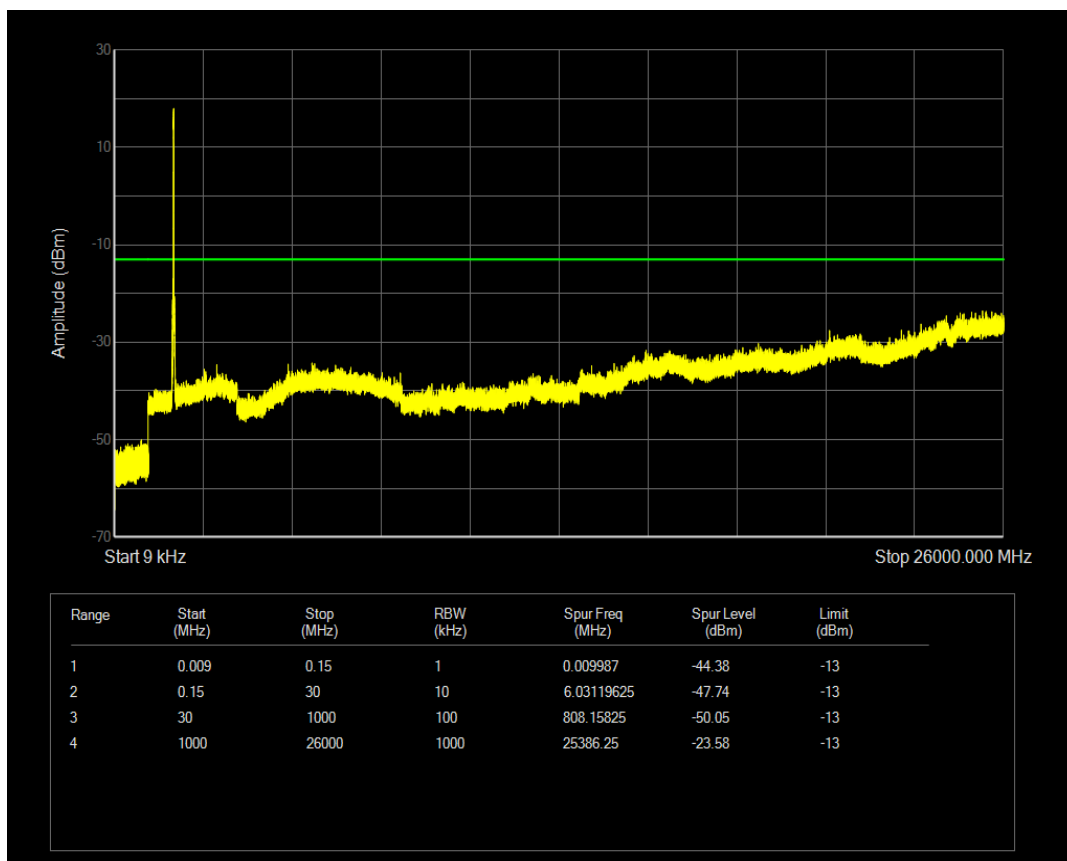




Band66 QPSK BW=20MHz Channel=132322 RB Size=100 Position=#0

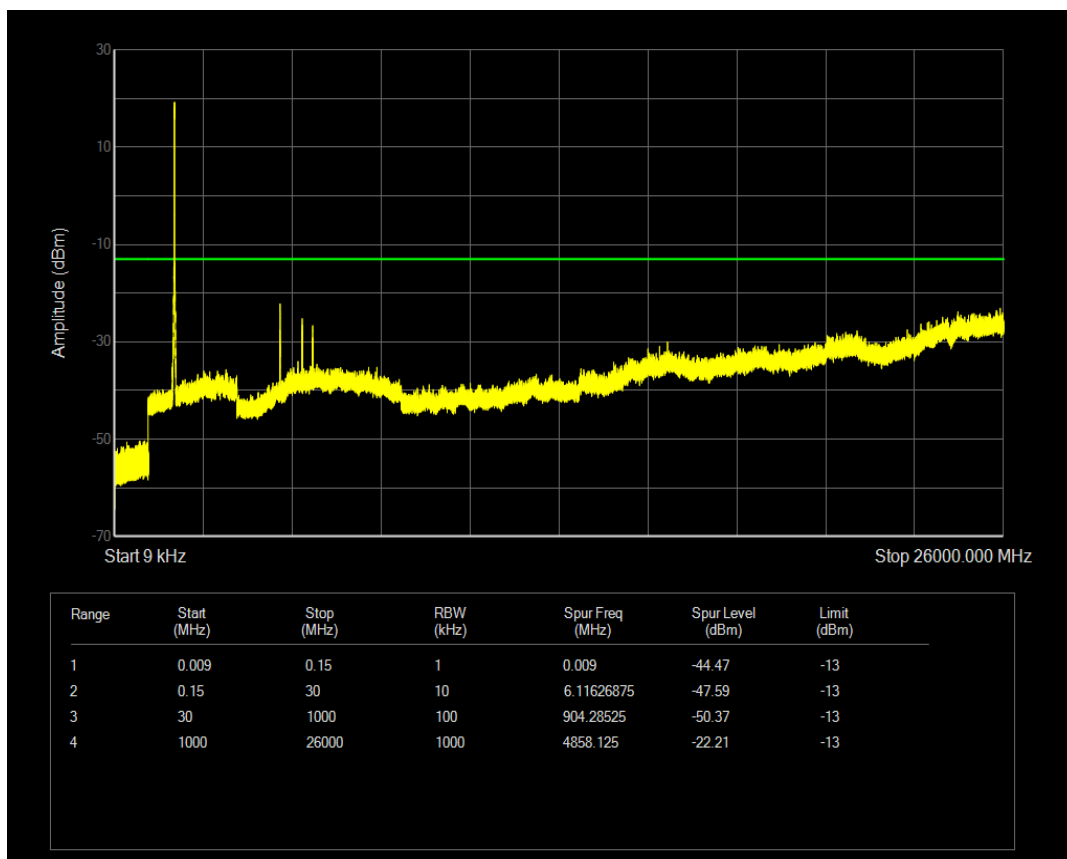


Band66 16QAM BW=20MHz Channel=132322 RB Size=100 Position=#0





Band66 QPSK BW=20MHz Channel=132572 RB Size=100 Position=#0



Band66 16QAM BW=20MHz Channel=132572 RB Size=100 Position=#0

